

CHARACTERISTICS OF THE POPULATION, HOUSING,
AND AGRICULTURE IN OHIO

by

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INTRODUCTION

This publication is a compilation of data largely taken from U. S. Census sources showing many demographic and technological characteristics for Ohio. The most recent data available are presented and in many instances trends over several years are given. In other cases, trends may be observed by referring to the data published in the previous Department Mimeograph No. 248.

The most recent estimates of state and county population are given for 1958 as provided by the Division of Vital Statistics of the Ohio Department of Health.

Several indexes were developed in an attempt to portray certain changes and trends as well as levels of change.

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Much of this data was prepared in conjunction with the North Central Regional Population Technical Committee Project (NC-18).

Acknowledgment is given Lorenzo H. Snow, Constantina Safilios, and Hans Sebald, Research Assistants, Rural Sociology, who had important parts in compilation of the data.

I. POPULATION

Table 1. Population Changes in Ohio by Counties, 1950-1958

County	Estimated Population* Jan. 1, 1958	Population** in 1950	Change From 1950 to 1958		Percentage Change from 1940 to 1950
			No.	%	
State Total	9,373,235	7,946,625	1,426,610	17.9	15.0
Adams	20,957	20,499	458	2.2	- 5.6
Allen	99,933	88,183	11,750	13.3	20.3
Ashland	37,794	33,040	4,754	14.4	10.9
Ashtabula	94,121	78,695	15,426	19.6	14.6
Athens	47,484	45,839	1,645	3.6	- 0.7
Auglaize	34,761	30,637	4,124	13.5	9.3
Belmont	86,720	87,740	1,020	- 1.2	- 8.2
Brown	23,482	22,221	1,261	5.7	2.7
Butler	185,969	147,203	38,766	26.3	22.4
Carroll	19,515	19,039	476	2.5	9.1
Champaign	30,192	26,793	3,399	12.7	6.1
Clark	129,338	111,661	17,677	15.8	16.7
Clermont	69,708	42,182	27,526	65.2	23.7
Clinton	30,794	25,572	5,222	20.4	13.3
Columbiana	106,935	98,920	8,015	8.1	9.8
Coshocton	31,372	31,141	231	0.7	1.8
Crawford	44,738	38,738	6,000	15.5	8.9
Cuyahoga	1,625,503	1,389,532	235,971	16.9	14.2
Darke	43,925	41,799	2,126	5.1	7.6
Defiance	29,865	25,925	3,940	15.2	6.4

Table 1. Population Changes in Ohio by Counties, 1950-1958 (Continued)

County	Estimated Population* Jan. 1, 1958	Population** in 1950	Change from 1950 to 1958		Percentage Change from 1940 to 1950
			No.	%	
Delaware	33,405	30,278	3,127	10.3	13.1
Erie	65,636	52,565	13,071	24.9	21.7
Fairfield	62,906	52,130	10,776	20.7	7.5
Fayette	24,711	22,554	2,157	9.6	5.5
Franklin	650,919	503,410	147,509	29.3	29.5
Fulton	29,214	25,580	3,634	14.2	8.3
Gallia	27,661	24,910	2,751	11.0	- 0.1
Geauga	37,273	26,646	10,627	39.9	37.1
Greene	78,314	58,892	19,422	33.0	64.2
Guernsey	38,747	38,452	295	0.8	- 1.0
Hamilton	836,015	723,952	112,063	15.5	16.4
Hancock	49,287	44,280	5,007	11.3	8.5
Hardin	30,539	28,673	1,866	6.5	6.0
Harrison	19,535	19,054	481	2.5	6.2
Henry	22,947	22,423	524	2.3	1.5
Highland	30,478	28,188	2,290	8.1	4.0
Hocking	19,631	19,520	111	0.6	- 9.2
Holmes	19,412	18,760	652	3.5	4.9
Huron	44,521	39,353	5,168	13.1	13.1
Jackson	32,157	27,767	4,390	15.8	2.8

Table 1. Population Changes in Ohio by Counties, 1950-1958 (Continued)

County	Estimated Population Jan. 1, 1959	Population** in 1950	Change from 1950 to 1958		Percentage Change from 1940 to 1950
			No.	%	
Jefferson	100,173	96,495	3,678	3.8	- 1.7
Knox	40,273	35,287	4,986	14.1	13.7
Lake	120,507	75,979	44,528	58.6	51.9
Lawrence	53,714	49,115	4,599	9.4	5.2
Licking	83,086	70,645	12,441	17.6	13.4
Logan	34,437	31,329	3,108	9.9	5.8
Lorain	196,883	148,162	48,721	32.6	31.8
Lucas	460,721	395,551	65,170	16.5	14.9
Madison	28,620	22,300	6,320	28.3	2.2
Mahoning	292,302	257,629	34,673	13.4	7.2
Marion	58,152	49,959	8,193	16.4	11.3
Medina	52,262	40,417	11,845	29.3	22.3
Meigs	22,941	23,227	286	- 1.2	- 3.6
Mercer	33,012	28,311	4,701	12.3	7.8
Miami	69,387	61,309	8,078	13.2	16.5
Monroe	14,050	15,362	1,312	- 8.5	-17.6
Montgomery	496,745	398,441	98,304	24.7	34.8
Morgan	11,196	12,836	1,640	-12.8	- 9.8
Morrow	19,583	17,168	2,415	14.1	9.7
Muskingum	76,013	74,535	1,478	2.0	6.8

Table 1. Population Changes in Ohio by Counties, 1950-1958 (Continued)

County	Estimated Population Jan. 1, 1959	Population** in 1950	Change from 1950 to 1958		Percentage Change from 1940 to 1950
			No.	%	
Noble	11,022	11,750	728	- 6.2	-19.4
Ottawa	35,659	29,467	10,192	34.6	21.0
Paulding	17,205	15,047	2,158	14.3	- 3.1
Perry	26,967	28,999	2,032	- 7.0	- 6.7
Pickaway	33,040	29,352	3,688	12.6	5.2
Pike	26,287	14,607	11,680	80.0	- 9.3
Portage	81,067	63,954	17,113	26.8	37.1
Preble	32,439	27,081	5,358	19.8	16.1
Putnam	27,814	25,248	2,566	10.2	0.9
Richland	108,430	91,305	17,125	18.7	23.6
Ross	61,791	54,424	7,367	13.5	4.4
Sandusky	58,561	46,114	12,447	27.0	12.4
Scioto	99,555	82,910	16,645	20.1	- 4.2
Seneca	60,838	52,978	7,860	14.8	9.2
Shelby	35,401	28,488	6,913	24.3	9.3
Stark	328,768	283,194	45,574	16.1	20.6
Summit	486,057	410,032	76,025	18.5	20.8
Trumbull	194,099	158,915	35,184	22.1	20.1
Tuscarawas	76,238	70,320	5,918	8.4	2.2
Union	21,779	20,687	1,092	5.3	3.4

Table 1. Population Changes in Ohio by Counties, 1950-1958 (Continued)

County	Estimated Population* Jan. 1, 1958	Population** in 1950	Change from 1950 to 1958		Percentage Change from 1940 to 1950
			No.	%	
Van Wert	30,458	26,971	3,487	12.9	0.8
Vinton	11,225	10,759	466	4.3	- 7.0
Warren	57,981	38,505	19,476	50.6	28.8
Washington	48,198	44,407	3,791	8.5	2.0
Wayne	69,977	58,716	11,261	19.2	16.2
Williams	30,458	26,202	4,256	16.2	2.7
Wood	69,866	59,605	10,261	17.2	15.1
Wyandot	21,584	19,785	1,799	9.1	3.0

*Statistical Analysis Unit Division of Vital Statistics, Ohio Department of Health, Columbus, Ohio.

**United States Census of Population: 1950; Report P-B 35.

Table 2. Number and Per Cent of Persons by Age, Sex, and Residence
for Ohio, 1910

	Rural				Urban			
	Male		Female		Male		Female	
	Number	Per- cent	Number	Per- cent	Number	Per- cent	Number	Per- cent
Under 5	111,438	10.5	110,034	10.9	128,883	9.6	126,120	9.6
5 - 9	109,084	10.0	105,695	10.4	112,326	8.3	111,794	8.5
10 - 14	107,467	9.9	102,309	10.1	106,897	7.9	108,929	8.3
15 - 19	103,723	9.5	95,727	9.5	121,576	9.0	125,886	9.5
20 - 24	88,118	8.1	82,966	8.2	142,272	10.6	140,170	10.6
25 - 29	151,221	13.9	144,085	14.2	141,283	10.5	131,960	10.0
30 - 34					123,195	9.2	112,861	8.6
35 - 39	137,028	12.6	125,923	12.4	109,984	8.2	101,700	7.7
40 - 44					91,333	6.8	84,896	6.4
45 - 49					74,871	5.6	71,904	5.4
50 - 54	198,538	18.2	175,964	17.4	62,975	4.7	60,766	4.6
55 - 59					43,378	3.2	43,821	3.3
60 - 64					32,107	2.4	34,801	2.6
65 - 69					23,424	1.7	26,742	2.0
70 - 74	77,513	7.1	69,461	6.9	14,728	1.1	17,604	1.3
75 - 84					13,933	1.0	18,405	1.4
85 and over								
Not Reported	2,033		651		2,430	0.2	1,189	0.1
Total	1,089,163	100.0	1,012,815	100.0	1,345,595	100.0	1,319,548	100.0

Table 3. Number and Per Cent of Persons by Age, Sex, and Residence
for Ohio, 1920

	Rural				Urban			
	Male		Female		Male		Female	
	Number	Per- cent	Number	Per- cent	Number	Per- cent	Number	Per- cent
Under 5	113,952	10.6	109,408	10.9	183,488	9.8	179,288	10.0
5 - 9	111,578	10.3	108,239	10.8	164,922	8.8	164,063	9.1
10 - 14	109,400	10.1	103,310	10.2	147,214	7.8	148,405	8.2
15 - 19	93,726	8.6	86,905	8.6	139,043	7.4	144,980	8.1
20 - 24	77,434	7.2	73,458	7.3	176,337	9.4	173,430	9.6
25 - 29	72,995	6.8	71,408	7.1	195,792	10.4	180,029	10.0
30 - 34	68,908	6.5	67,513	6.7	177,091	9.4	156,390	8.7
35 - 39	72,225	6.7	66,809	6.6	167,011	8.9	142,577	7.9
40 - 44	64,310	6.0	59,785	5.9	129,555	6.9	116,806	6.5
45 - 49	63,897	5.9	55,492	5.5	115,855	6.2	100,623	5.6
50 - 54	56,169	5.2	49,250	4.8	89,747	4.8	83,765	4.7
55 - 59	47,711	4.4	41,974	4.2	64,833	3.5	64,627	3.6
60 - 64	42,687	3.9	36,591	3.7	51,868	2.8	53,172	3.0
65 - 69	32,907	3.0	28,400	2.9	33,518	1.8	37,079	2.1
70 - 74	23,786	2.3	20,834	2.2	20,520	1.1	25,054	1.4
75 - 84	25,580	2.4	24,487	2.5	19,570	1.0	27,702	1.5
85 and over								
Not Reported	688	0.1	462	0.1	1,683	0.1	1,099	0.1
Total	1,077,933	100.0	1,004,325	100.0	1,878,047	100.0	1,799,089	100.0

Table 4. Number and Per Cent of Persons by Age, Sex, and Residence
for Ohio, 1930

Age	Rural				Urban			
	Male		Female		Male		Female	
	Number	Per- cent	Number	Per- cent	Number	Per- cent	Number	Per- cent
Under 5	102,930	9.2	98,604	9.6	188,353	8.4	183,277	8.1
5 - 9	117,525	10.5	112,145	10.9	206,077	9.2	203,525	9.0
10 - 14	114,984	10.3	108,426	10.7	194,587	8.7	194,771	8.6
15 - 19	104,729	9.4	92,660	9.1	182,373	8.1	198,371	8.8
20 - 24	82,352	7.3	71,437	6.9	196,146	8.7	214,318	9.5
25 - 29	68,081	6.0	65,314	6.3	191,824	8.5	198,339	8.8
30 - 34	67,399	6.0	65,901	6.3	186,850	8.3	185,790	8.2
35 - 39	71,613	6.3	67,884	6.6	197,802	8.8	185,789	8.2
40 - 44	67,547	6.1	62,866	6.2	171,231	7.6	156,673	6.9
45 - 49	65,051	5.9	58,538	5.8	146,750	6.5	135,707	6.0
50 - 54	60,032	5.4	52,950	5.2	118,256	5.3	113,539	5.0
55 - 59	53,222	4.8	45,759	4.5	88,136	3.9	88,073	3.9
60 - 64	45,479	4.1	38,972	3.9	68,017	3.0	71,700	3.2
65 - 69	37,248	3.4	31,506	3.1	47,516	2.1	54,195	2.4
70 - 74	28,516	2.6	23,815	2.3	32,401	1.4	38,411	1.7
75 - 84	28,353	2.6	26,615	2.6	27,935	1.2	38,325	1.7
85 and over								
Not Reported	589	0.1	289	0.0	1,242	0.1	1,072	-
Total	1,115,645	100.0	1,023,681	100.0	2,245,496	100.0	2,261,875	100.0

Table 5. Number and Per Cent of Persons by Age, Sex, and Residence
for Ohio, 1940

Age	Rural				Urban			
	Male		Female		Male		Female	
	Number	Per- cent	Number	Per- cent	Number	Per- cent	Number	Per- cent
Under 5	99,617	8.3	96,027	8.7	158,061	7.0	153,611	6.5
5 - 9	99,367	8.3	94,983	8.6	152,665	6.7	148,351	6.3
10 - 14	111,749	9.4	105,243	9.6	180,366	8.0	178,820	7.6
15 - 19	116,963	9.7	105,201	9.6	196,493	8.7	207,415	8.8
20 - 24	97,953	8.2	84,731	7.6	196,623	8.7	219,455	9.3
25 - 29	84,832	7.1	79,394	7.2	193,268	8.5	209,562	8.9
30 - 34	78,532	6.5	74,780	6.7	182,970	8.1	193,614	8.2
35 - 39	73,942	6.1	70,555	6.4	170,880	7.5	179,138	7.6
40 - 44	72,349	6.1	66,784	6.1	167,104	7.4	170,368	7.3
45 - 49	72,098	6.0	65,018	6.0	166,608	7.4	161,787	6.9
50 - 54	66,859	5.6	59,452	5.5	146,857	6.5	139,822	6.0
55 - 59	59,562	5.0	52,497	4.9	114,602	5.1	112,871	4.8
60 - 64	52,280	4.4	45,144	4.2	88,524	3.9	92,136	3.9
65 - 69	44,286	3.7	38,047	3.5	65,023	2.9	73,873	3.1
70 - 74	32,439	2.7	27,879	2.5	43,343	1.9	52,107	2.2
75 - 84	29,866	2.5	27,214	2.5	36,027	1.6	48,274	2.1
85 and over	4,220	0.4	4,763	0.4	4,744	.2	7,624	.3
Not Reported								
Total	1,196,914	100.0	1,097,712	100.0	2,264,158	100.0	2,348,828	100.0

Table 6. Number and Per Cent of Persons by Age, Sex, and Residence
for Ohio, 1950

Age	Rural				Urban			
	Male		Female		Male		Female	
	Number	Per- cent	Number	Per- cent	Number	Per- cent	Number	Per- cent
Under 5	159,657	11.7	151,530	11.6	272,365	10.6	263,197	9.7
5 - 9	135,757	9.9	128,716	9.8	198,839	7.8	194,552	7.2
10 - 14	117,409	8.6	109,827	8.4	161,518	6.3	160,227	5.9
15 - 19	98,368	7.2	92,420	7.1	149,323	5.8	165,992	6.1
20 - 24	88,377	6.5	90,167	6.9	195,116	7.6	221,249	8.2
25 - 29	97,263	7.1	103,069	7.8	223,224	8.7	240,047	8.9
30 - 34	97,008	7.1	98,543	7.5	206,265	8.0	218,957	8.1
35 - 39	94,405	6.9	91,978	7.0	192,992	7.6	205,993	7.6
40 - 44	85,931	6.3	80,461	6.2	178,434	7.0	187,976	6.9
45 - 49	75,736	5.5	70,336	5.4	161,942	6.3	169,798	6.3
50 - 54	70,408	5.2	64,433	4.9	154,192	6.0	159,903	5.9
55 - 59	64,678	4.7	58,420	4.5	141,570	5.5	144,174	5.3
60 - 64	55,688	4.1	50,560	3.9	118,028	4.6	120,554	4.5
65 - 69	47,577	3.5	43,187	3.3	89,539	3.5	101,502	3.7
70 - 74	35,601	2.6	32,200	2.5	58,635	2.3	71,509	2.6
75 - 84	36,521	2.7	34,567	2.7	52,411	2.1	71,702	2.6
85 and over	5,712	0.4	6,831	0.5	7,965	0.8	13,516	0.5
Not Reported								
Total	1,366,176	100.0	1,307,245	100.0	2,562,358	100.0	2,710,848	100.0

Table 7. Sex Ratio for the 20-24 and 65 and Over
Age Groups by Residence for Ohio,
1920 to 1950

Age Groups	Area	Sex Ratio			
		1920	1930	1940	1950
20 - 24	Rural Farm	1.10	1.35	1.38	1.19
	Rural Non-Farm	1.00	1.02	.99	.91
	Urban	1.02	.92	.90	.88
	State	1.03	.97	.97	.91
65 and over	Rural Farm	1.23	1.35	1.32	1.27
	Rural Non-Farm	1.02	1.01	.98	.98
	Urban	.82	.82	.82	.81
	State	.95	.95	.93	.89

Table 8. Per Cent of Urban, Rural Farm, Rural Non-Farm and Total Population
Under 15, 15 to 64, and 65 and Over, Ohio, 1920-1950

Year	Under 15				15 to 64				65 and Over			
	Urban	Rural Farm	Rural Non- Farm	Total	Urban	Rural Farm	Rural Non- Farm	Total	Urban	Rural Farm	Rural Non- Farm	Total
1910	-	-	-	28.2	-	-	-	66.2	-	-	-	5.5
1920	26.9	32.1	30.7	28.5	68.6	61.3	60.5	65.9	4.4	6.5	8.7	5.5
1930	26.0	30.9	30.3	27.5	68.7	61.2	61.1	66.3	5.3	7.9	8.5	6.2
1940	21.1	26.1	26.8	22.9	71.7	64.4	64.3	69.3	7.2	9.5	8.9	7.8
1950	23.7	29.7	30.2	25.8	67.4	60.5	61.1	65.2	8.9	9.8	8.7	9.0

Table 9. Number and Per Cent of Population by State Total, Urban, Rural,
Rural Farm, and Rural Non-Farm for Ohio, 1900-1950

Year	State Total		Urban		Rural		Rural Farm		Rural Non-Farm	
	Number	Per- cent	Number	Per- cent	Number	Per- cent	Number	Per- cent	Number	Per- cent
1900	4,157,545	100.0	1,998,382	48.1	2,159,163	51.9	-	-	-	-
1919	4,767,121	100.0	2,665,143	55.9	2,101,978	44.1	-	-	-	-
1920	5,759,394	100.0	3,677,136	63.8	2,082,258	36.2	1,133,912	19.7	948,346	16.5
1930	6,646,697	100.0	4,507,371	67.8	2,139,326	32.2	1,004,288	15.1	1,135,038	17.1
1940	6,907,612	100.0	4,612,986	66.8	2,294,626	33.2	1,070,299	15.5	1,224,327	17.7
1950	7,946,627	100.0	5,273,206	66.4	2,673,421	33.6	854,969	10.7	1,818,452	22.9

Table 10. Total Rural Farm Population, by Rank of
Counties for 1940 and 1950

Rank in 1940	County	Number in 1950	Rank in 1940	Number in 1940
	State Total	854,969		1,070,299
1	Stark	18,007	1	22,369
2	Trumbull	16,958	4	18,757
3	Darke	16,717	2	19,566
4	Wayne	15,581	7	17,429
5	Ashtabula	15,484	5	18,147
6	Licking	14,435	12	16,243
7	Columbiana	14,188	8	16,805
8	Montgomery	13,438	3	18,765
9	Portage	13,378	14	15,677
10	Clermont	13,317	20	14,394
11	Washington	12,931	11	16,559
12	Lorain	12,490	16	15,474
13	Wood	12,422	6	17,695
14	Scioto	12,350	9	16,741
15	Ross	12,285	10	16,726
16	Brown	11,512	29	12,921
17	Putnam	11,497	22	13,972
18	Seneca	11,353	21	14,156
19	Belmont	11,333	13	15,994
20	Medina	11,327	24	13,618
21	Holmes	11,285	53	11,161
22	Gallia	11,274	38	12,074
23	Fairfield	11,232	28	13,535
24	Highland	11,205	39	12,016
25	Allen	11,192	41	11,902
26	Muskingum	11,100	19	14,834
27	Adams	11,094	31	12,825
28	Mercer	11,074	27	13,571
29	Lawrence	10,955	17	15,227
30	Tuscarawas	10,915	34	12,644
31	Butler	10,795	26	13,593
32	Franklin	10,713	15	15,583

Table 10. Total Rural Farm Population, by Rank of
Counties for 1940 and 1950 (Continued)

Rank in 1940	County	Number in 1950	Rank in 1940	Number in 1940
33	Richland	10,631	32	12,734
34	Fulton	10,463	35	12,565
35	Huron	10,329	46	11,464
36	Mahoning	10,277	37	12,281
37	Preble	10,208	49	11,367
38	Miami	10,206	33	12,696
39	Knox	9,990	54	11,160
40	Lucas	9,824	45	11,618
41	Geauga	9,682	52	11,172
42	Hancock	9,670	30	12,826
43	Delaware	9,621	44	11,724
44	Sandusky	9,620	48	11,402
45	Warren	9,534	47	11,407
46	Henry	9,518	40	11,990
47	Shelby	9,331	56	10,705
48	Athens	8,966	36	12,560
49	Guernsey	8,804	55	11,089
50	Monroe	8,786	42	11,791
51	Morrow	8,769	71	9,266
52	Auglaize	8,761	63	10,241
53	Union	8,742	64	10,196
54	Summit	8,697	25	13,602
55	Hamilton	8,600	18	15,611
56	Logan	8,546	62	10,529
57	Hardin	8,428	60	10,662
58	Pickaway	8,331	23	13,638
59	Ashland	8,280	65	10,081
60	Crawford	8,270	70	9,426
61	Coshocton	8,261	51	11,263
62	Meigs	8,202	58	10,690
63	Champaign	8,178	69	9,688
64	Carroll	8,129	78	8,624

Table 10. Total Rural Farm Population, by Rank of Counties for 1940 and 1950 (Continued)

Rank in 1940	County	Number in 1950	Rank in 1940	Number in 1940
65	Clinton	8,103	74	9,070
66	Greene	8,092	61	10,624
67	Clark	7,770	43	11,748
68	Williams	7,735	57	10,696
69	Van Wert	7,680	59	10,687
70	Jackson	7,286	83	7,600
71	Defiance	7,251	67	9,970
72	Pike	7,106	72	9,218
73	Madison	7,015	50	11,349
74	Wayndot	7,000	76	8,733
75	Perry	6,857	68	9,888
76	Morgan	6,784	77	8,728
77	Marion	6,515	80	8,049
78	Noble	6,420	73	9,172
79	Fayette	6,318	75	8,784
80	Jefferson	6,258	66	10,022
81	Hocking	6,023	84	7,571
82	Ottawa	5,921	79	8,115
83	Paulding	5,861	81	7,947
84	Harrison	5,587	82	7,632
85	Erie	5,407	86	7,195
86	Vinton	5,320	88	6,198
87	Lake	5,002	85	7,206
88	Cuyahoga	2,286	87	7,056

Table 11. Per Cent of 16-17 Year Olds Enrolled in
School, by Rural Farm, Rural Non-Farm, and
Urban Residence, 1920-1950*

Year	Per Cent 16-17 Year Olds Enrolled in School			
	Rural Farm	Rural Non-Farm	Urban	State
1920		47.2	42.5	44.4
1930	66.7	68.0	68.0	67.7
1940	72.8	77.0	81.3	79.0
1950	79.4	79.0	82.7	81.4

*Source: Special tabulations from the U. S. Bureau of the Census.

Table 12. Per Cent of 20-24 Year Olds Enrolled in
School by Residence for Ohio, 1930 to 1950

Year	Per Cent of 20-24 Year Olds Enrolled in School			
	Rural Farm	Rural Non-Farm	Urban	State
1930	6.4	8.0	8.4	8.1
1940	4.6	4.5	7.3	6.4
1950	5.2	6.8	14.5	12.3

Table 13. Rank of Counties by Per Cent of Gain or
Loss in Total County Population

Rank	County	Per Cent	Rank	County	Per Cent
1	Green	64.2	33	Sandusky	12.4
2	Lake	51.9	34	Marion	11.3
3	Geauga	37.1	35	Ashland	10.9
4	Portage	37.1	36	Columbiana	9.8
5	Montgomery	34.8	37	Morrow	9.7
6	Lorain	31.8	38	Auglaize	9.3
7	Franklin	29.5	39	Shelby	9.3
8	Warren	28.8	40	Seneca	9.2
9	Clermont	23.7	41	Carroll	9.1
10	Richland	23.6	42	Crawford	8.9
11	Butler	22.4	43	Hancock	8.5
12	Medina	22.3	44	Fulton	8.3
13	Erie	21.7	45	Mercer	7.8
14	Ottawa	21.0	46	Darke	7.6
15	Summit	20.8	47	Fairfield	7.5
16	Stark	20.6	48	Mahoning	7.2
17	Allen	20.3	49	Muskingum	6.8
18	Trumbull	20.1	50	Defiance	6.4
19	Clark	16.7	51	Champaign	6.1
20	Miami	16.5	52	Hardin	6.0
21	Hamilton	16.4	53	Logan	5.8
22	Wayne	16.2	54	Fayette	5.5
23	Preble	16.1	55	Lawrence	5.2
24	Wood	15.1	56	Pickaway	5.2
25	Lucas	14.9	57	Holmes	4.9
26	Ashtabula	14.6	58	Ross	4.4
27	Cuyahoga	14.2	59	Highland	4.0
28	Knox	13.7	60	Union	3.4
29	Licking	13.4	61	Wyandot	3.0
30	Clinton	13.3	62	Jackson	2.8
31	Delaware	13.1	63	Brown	2.7
32	Huron	13.1	64	Williams	2.7

Table 13. Rank of Counties by Per Cent of Gain or
Loss in Total County Population (Continued)

Rank	County	Per Cent	Rank	County	Per Cent
65	Madison	2.2	77	Meigs	-3.6
66	Tuscarawas	2.2	78	Scioto	-4.2
67	Washington	2.0	79	Adams	-5.8
68	Coshocton	1.8	80	Harrison	-6.2
69	Putnam	0.9	81	Perry	-6.7
70	Van Wert	0.8	82	Vinton	-7.0
71	Gallia	-0.1	83	Belmont	-8.2
72	Athens	-0.7	84	Hocking	-9.2
73	Guernsey	-1.0	85	Pike	-9.3
74	Henry	-1.5	86	Morgan	-9.8
75	Jefferson	-1.7	87	Monroe	-17.6
76	Paulding	-3.1	88	Noble	-19.4

Table 14. Rank of Counties by Per Cent of Gain or
Loss in County Rural Non-Farm Population

Rank	County	Per Cent	Rank	County	Per Cent
1	Montgomery	131.2	33	Van Wert	46.4
2	Defiance	127.2	34	Delaware	44.8
3	Greene	124.4	35	Fulton	44.5
4	Geauga	105.4	36	Williams	44.3
5	Pickaway	96.2	37	Huron	44.2
6	Summit	93.2	38	Ross	43.9
7	Clark	91.7	39	Coshocton	43.2
8	Warren	88.0	40	Wyandot	42.7
9	Medina	87.2	41	Sandusky	41.3
10	Lorain	86.4	42	Wayne	41.1
11	Franklin	83.5	43	Darke	40.8
12	Fayette	77.4	44	Auglaize	40.2
13	Stark	76.0	45	Lawrence	38.8
14	Portage	75.4	46	Shelby	37.5
15	Madison	74.6	47	Erie	37.2
16	Miami	74.1	48	Columbiana	37.0
17	Allen	71.5	49	Carroll	36.0
18	Butler	71.2	50	Ashtabula	35.5
19	Richland	68.1	51	Logan	35.1
20	Lucas	67.3	52	Knox	34.6
21	Crawford	64.2	53	Clinton	33.8
22	Lake	63.2	54	Union	33.1
23	Mahoning	62.5	55	Licking	32.5
24	Marion	59.6	56	Morrow	31.6
25	Ottawa	53.4	57	Muskingum	31.3
26	Seneca	53.3	58	Fairfield	28.5
27	Hancock	51.2	59	Champaign	28.3
28	Trumbull	50.3	60	Henry	27.4
29	Preble	50.2	61	Washington	24.4
30	Hamilton	49.0	62	Scioto	24.2
31	Mercer	47.0	63	Brown	22.9
32	Clermont	46.4	64	Meigs	22.3

Table 14. Rank of Counties by Per Cent of Gain or
Loss in County Rural Non-Farm Population
(Continued)

Rank	County	Per Cent	Rank	County	Per Cent
65	Paulding	21.2	77	Jackson	9.4
66	Guernsey	17.5	78	Pike	8.8
67	Wood	17.2	79	Adams	5.9
68	Athens	15.1	80	Harrison	5.8
69	Gallia	14.7	81	Perry	4.8
70	Highland	13.9	82	Vinton	1.2
71	Jefferson	12.7	83	Belmont	-0.7
72	Tuscarawas	12.3	84	Noble	-1.6
73	Holmes	11.3	85	Putnam	-2.3
74	Morgan	10.1	86	Hocking	-3.0
75	Cuyahoga	9.8	87	Monroe	-4.0
76	Ashland	9.6	88	Hardin	-7.7

Table 15. Rank of Counties by Per Cent Loss in
County Rural Farm Population

Rank	County	Per Cent	Rank	County	Per Cent
1	Cuyahoga	-63.4	33	Greene	-22.6
2	Hamilton	-42.2	34	Morgan	-22.3
3	Pickaway	-38.9	35	Washington	-21.9
4	Madison	-38.2	36	Hardin	-21.0
5	Jefferson	-37.6	37	Butler	-20.6
6	Summit	-34.9	38	Guernsey	-20.6
7	Clark	-33.8	39	Henry	-20.6
8	Perry	-30.7	40	Hocking	-20.4
9	Franklin	-30.6	41	Seneca	-19.8
10	Lake	-30.5	42	Wyandot	-19.8
11	Noble	-30.0	43	Miami	-19.6
12	Wood	-29.7	44	Lorain	-19.3
13	Belmont	-29.0	45	Stark	-19.3
14	Athens	-28.6	46	Marion	-19.1
15	Fayette	-28.1	47	Logan	-18.8
16	Van Wert	-28.1	48	Mercer	-18.4
17	Williams	-27.7	49	Ashland	-17.9
18	Montgomery	-27.5	50	Delaware	-17.9
19	Defiance	-27.3	51	Putnam	-17.7
20	Lawrence	-27.1	52	Fairfield	-17.0
21	Ottawa	-27.0	53	Medina	-16.8
22	Harrison	-26.8	54	Fulton	-16.7
23	Coshocton	-26.7	55	Warren	-16.4
24	Ross	-26.6	56	Mahoning	-16.3
25	Paulding	-26.2	57	Richland	-16.3
26	Scioto	-26.1	58	Champaign	-15.6
27	Monroe	-25.5	59	Columbiana	-15.6
28	Muskingum	-25.2	60	Sandusky	-15.6
29	Erie	-24.9	61	Ashtabula	-14.7
30	Hancock	-24.6	62	Darke	-14.6
31	Meigs	-22.3	63	Auglaize	-14.5
32	Pike	-22.9	64	Portage	-14.5

Table 15. Rank of Counties by Per Cent Loss in
County Rural Farm Population (Continued)

Rank	County	Per Cent	Rank	County	Per Cent
65	Lucas	-14.3	77	Knox	-10.5
66	Union	-14.3	78	Preble	-10.2
67	Vinton	-14.2	79	Huron	- 9.9
68	Tuscarawas	-13.7	80	Trumbull	- 8.8
69	Adams	-13.5	81	Clermont	- 7.5
70	Geauga	-13.3	82	Highland	- 6.7
71	Shelby	-12.8	83	Gallia	- 6.6
72	Crawford	-12.3	84	Allen	- 6.0
73	Licking	-11.1	85	Carroll	- 5.7
74	Brown	-10.9	86	Morrow	- 5.4
75	Clinton	-10.7	87	Jackson	- 4.1
76	Wayne	-10.6	88	Holmes	- 1.1

Table 16. Per Cent Change in Rural Non-Farm and
Rural Farm Population by Economic Areas,
Ohio, from 1940 to 1950

Economic Area	Per Cent Change Rural Non-Farm	Per Cent Change Rural Farm
Metropolitan		
A	67.3	-14.3
B	83.5	-30.6
C	130.0	-25.7
D	71.2	-20.6
E	32.7	-46.8
F	93.2	-34.9
G	76.0	-19.3
H	55.8	-11.8
J	6.3	-32.3
K	49.0	-42.2
L	38.8	-27.1
Non-Metropolitan		
1	31.7	-23.5
2	44.4	-17.2
3	62.9	-21.4
4a	31.1	-17.3
4b	49.1	-12.1
5	56.1	-14.6
6a	31.6	-11.5
6b	19.1	-21.5
7	32.7	-13.7
8a	13.4	-16.9
8b	13.5	-25.1

Table 17. Urbanization Index by Rank of Counties for 1940-1950*

Rank for 1950	County	Index for 1950	Rank for 1940	Index for 1940	Per Cent Increase
	Ohio	100		92	8.7
1	Cuyahoga	126	1	120	5.0
2	Hamilton	121	2	116	4.3
3	Summit	121	3	113	7.1
4	Lucas	119	4	111	7.2
5	Franklin	117	5	110	6.4
6	Montgomery	117	6	110	6.4
7	Mahoning	115	7	108	6.5
8	Stark	112	8	105	6.7
9	Trumbull	110	10	101	8.9
10	Lake	109	12	98	11.2
11	Butler	107	11	99	8.1
12	Jefferson	107	9	103	3.9
13	Lorain	106	15	95	11.6
14	Clark	105	13	97	8.2
15	Richland	104	16	93	11.8
16	Scioto	102	14	96	6.3
17	Allen	101	17	92	9.8
18	Erie	101	18	91	11.0
19	Columbiana	99	19	91	8.8
20	Muskingum	99	20	91	10.0
21	Greene	96	29	81	18.5
22	Portage	96	30	81	18.5
23	Ashtabula	95	26	83	14.5
24	Tuscarawas	95	21	88	8.0
25	Belmont	94	22	88	6.8
26	Lawrence	94	27	83	13.3
27	Miami	94	24	84	11.9
28	Ottawa	93	39	77	20.8
29	Licking	93	25	84	10.7
30	Marion	93	23	85	9.4

Table 17. Urbanization Index by Rank of
Counties for 1940-1950* (Continued)

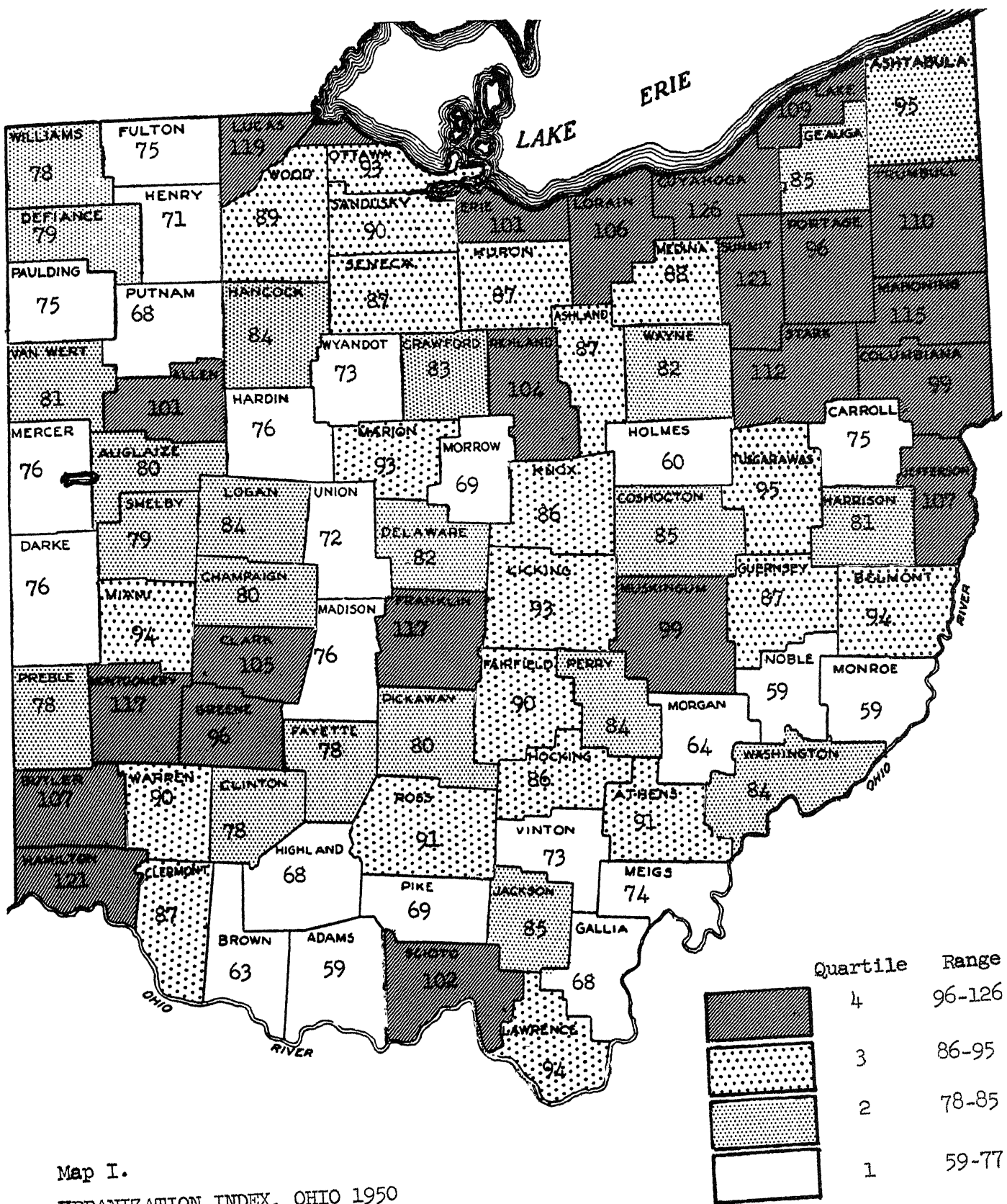
Rank for 1950	County	Index for 1950	Rank for 1940	Index for 1940	Per Cent Increase
31	Athens	91	31	81	12.3
32	Ross	91	32	81	12.3
33	Fairfield	90	28	82	9.8
34	Sandusky	90	34	79	13.9
35	Warren	90	42	76	18.4
36	Wood	89	40	77	15.6
37	Medina	88	45	74	18.9
38	Ashland	87	36	78	11.5
39	Clermont	87	52	71	22.5
40	Guernsey	87	35	79	10.1
41	Huron	87	42	75	16.0
42	Seneca	87	41	77	13.0
43	Hocking	86	33	80	7.5
44	Knox	86	46	74	16.2
45	Coshocton	85	44	75	13.3
46	Geauga	85	61	66	28.8
47	Jackson	85	37	78	9.0
48	Hancock	84	49	73	15.1
49	Logan	84	47	74	13.5
50	Perry	84	38	78	7.7
51	Washington	84	50	73	15.1
52	Crawford	83	48	74	12.2
53	Delaware	82	58	67	22.4
54	Wayne	82	51	73	12.3
55	Harrison	81	54	70	15.7
56	Van Wert	81	59	67	20.9
57	Auglaize	80	53	71	12.7
58	Champaign	80	55	70	14.3
59	Pickaway	80	70	63	27.0
60	Defiance	79	66	65	21.5
61	Shelby	79	56	69	14.5
62	Clinton	78	57	68	14.7
63	Fayette	78	67	64	21.9
64	Preble	78	68	64	21.9
65	Williams	78	60	67	16.4

Table 17. Urbanization Index by Rank of
Counties for 1940-1950* (Continued)

Rank for 1950	County	Index for 1950	Rank for 1940	Index for 1940	Per Cent Increase
66	Darke	76	69	64	18.8
67	Hardin	76	61	67	13.4
68	Madison	76	75	61	24.6
69	Mercer	76	71	63	20.6
70	Carroll	75	63	66	13.6
71	Fulton	75	73	62	21.0
72	Paulding	75	76	61	23.0
73	Meigs	74	64	66	12.1
74	Vinton	73	65	66	10.6
75	Wyandot	73	77	61	19.7
76	Union	72	78	61	18.0
77	Henry	71	81	59	20.3
78	Morrow	69	82	58	19.0
79	Pike	69	80	60	10.0
80	Gallia	68	74	62	9.7
81	Highland	68	72	63	7.9
82	Putnam	68	83	57	19.3
83	Morgan	64	79	61	4.9
84	Brown	63	85	54	16.7
85	Holmes	60	86	54	11.1
86	Adams	59	87	53	11.3
87	Monroe	59	84	55	7.3
88	Noble	59	88	51	15.7

*Variables included:

1. Per cent employed in industry
2. Per cent urban and rural non-farm (1940 definition).
3. Per cent rural non-farm of total rural (1940 definition).
4. Logarithm of largest population center.
5. Per cent of rural farm employed in non-farming occupations.



Map I.
URBANIZATION INDEX, OHIO 1950

II. HOUSING

Table 18. Per Cent of Rural Farm Dwellings
Which Were Dilapidated for 1940 and 1950*

Economic Area	Per Cent of Dwellings Dilapidated	
	1940	1950
Non-Metropolitan		
1	23.0	4.3
2	25.3	4.9
3	26.4	5.5
4	30.7	5.5
4a	29.9	3.7
4b	31.2	6.5
5	20.6	10.6
6	30.1	8.9
6a	27.1	7.0
6b	32.1	10.4
7	22.4	13.8
8	32.8	19.2
8a	24.8	21.4
8b	39.2	17.1
Total	27.0	8.8
Metropolitan		
A	25.0	14.7
B	25.5	8.3
C	27.5	4.1
D	19.6	5.2
E	7.1	6.9
F	22.3	5.7
G	25.9	7.1
H	15.9	7.6
J	26.6	14.9
K	22.6	7.4
L	19.8	22.3
Total	21.9	9.0
State	26.1	8.9

*U. S. Census of Housing, 1950.

Table 19. Per Cent of Number of Rural Farm Dwellings
Reporting with Central Heating for Metropolitan
and Non-Metropolitan Areas by Rank,
Ohio, 1940 and 1950

1940			1950		
Area	Rank	Per Cent with Central Heating	Area	Rank	Per Cent with Central Heating
State		27.6	State		43.3
Metropolitan		44.4	Metropolitan		59.1
F	1	64.9	E	1	79.2
G	2	64.4	G	2	77.3
E	3	61.3	F	3	75.7
K	4	53.5	H	4	72.1
H	5	52.6	K	5	67.6
B	6	44.6	D	6	56.7
D	7	38.5	B	7	56.2
A	8	38.0	A	8	54.1
C	9	34.9	J	9	49.3
J	10	31.5	C	10	47.9
L	11	3.5	L	11	8.1
Non-Metropolitan		23.7	Non-Metropolitan		40.0
4a	1	48.5	5	1	66.6
5	2	44.4	4a	2	65.3
4b	3	38.9	4b	3	58.9
6b	4	28.7	6b	4	47.7
1	5	26.8	2	5	45.3
2	6	24.8	1	6	44.6
6a	7	20.9	6a	7	39.6
3	8	20.2	3	8	36.1
7	9	7.9	7	9	17.4
8b	10	7.1	8b	10	14.8
8a	11	3.6	8a	11	9.6

Table 20. Per Cent of Number of Rural Farm Dwellings Reporting with Mechanical Refrigeration for Metropolitan and Non-Metropolitan Areas, by Rank, Ohio, 1940 and 1950

1940			1950		
Area	Rank	Per Cent with Mechanical Refrigeration	Area	Rank	Per Cent with Mechanical Refrigeration
State		25.3	State		80.2
Metropolitan		40.2	Metropolitan		85.3
K	1	59.5	C	1	93.1
E	2	54.2	F	2	92.9
F	3	54.2	E	3	91.1
B	4	49.3	K	4	90.5
C	5	44.2	B	5	89.2
D	6	43.2	D	6	88.3
A	7	40.9	A	7	88.1
G	8	40.1	G	8	87.8
H	9	37.8	H	9	87.3
J	10	21.2	J	10	72.2
L	11	8.2	L	11	54.9
Non-Metropolitan		21.9	Non-Metropolitan		79.1
4a	1	35.4	1	1	88.8
5	2	31.3	4a	2	87.7
4b	3	28.7	2	3	87.3
3	4	28.1	3	4	87.0
1	5	23.9	5	5	83.4
6a	6	23.8	6a	6	82.9
2	7	21.5	4b	7	77.5
6b	8	15.1	6b	8	73.7
7	9	14.3	7	9	66.6
8b	10	8.9	8b	10	59.9
8a	11	8.5	8a	11	56.2

Table 21. Per Cent of Number of Rural Farm Dwellings
Reporting with Electric Lights for Metropolitan
and Non-Metropolitan Areas by Rank,
Ohio, 1940 and 1950

1940			1950		
Area	Rank	Per Cent with Electric Lights	Area	Rank	Per Cent with Electric Lights
State		59.3	State		92.9
Metropolitan		73.4	Metropolitan		95.6
E	1	91.4	E	1	98.4
F	2	88.5	A	2	98.1
B	3	87.2	C	3	97.9
K	4	83.9	B	4	97.6
A	5	83.2	D	5	97.2
H	6	80.1	F	6	97.0
D	7	78.8	H	7	95.8
G	8	75.9	G	8	95.7
C	9	75.7	K	9	94.2
J	10	48.5	J	10	92.5
L	11	20.0	L	11	85.6
Non-			Non-		
Metropolitan		56.2	Metropolitan		92.3
4a	1	82.8	4a	1	97.4
5	2	69.4	1	2	96.9
3	3	68.0	2	3	96.4
2	4	67.2	3	4	96.1
1	5	66.9	6a	5	96.1
4b	6	66.3	5	6	94.1
6a	7	58.2	6b	7	90.6
6b	8	42.8	4b	8	88.0
7	9	35.2	8a	9	85.2
8a	10	23.6	7	10	84.2
8b	11	21.3	8b	11	82.8

Table 22. Per Cent of Total Rural Farm Dwellings
with Private Bath, Flush Toilet, and Hot
Running Water for Metropolitan and
Non-Metropolitan Areas by Rank,
Ohio, 1940 and 1950

1940			1950		
Area	Rank	Per Cent with	Area	Rank	Per Cent with
State		15.1	State		33.6
Metropolitan		24.5	Metropolitan		41.1
E	1	47.6	E	1	68.2
K	2	39.2	F	2	54.9
F	3	35.8	B	3	49.0
B	4	31.0	G	4	48.2
G	5	27.4	A	5	47.5
A	6	25.7	K	6	45.1
H	7	21.8	H	7	44.5
C	8	21.0	C	8	40.8
D	9	17.9	D	9	33.5
J	10	10.9	J	10	21.1
L	11	3.2	L	11	9.2
Non-Metropolitan			Non-Metropolitan		31.9
4a	1	25.1	4a	1	48.4
5	2	21.0	5	2	42.8
4b	3	19.5	4b	3	42.5
1	4	15.6	1	4	40.3
6a	5	13.4	2	5	40.2
2	6	13.3	6a	6	35.5
3	7	13.1	3	7	33.7
6b	8	10.4	6b	8	25.1
7	9	5.7	7	9	13.7
8b	10	5.7	8b	10	13.5
8a	11	3.4	8a	11	9.5

Table 23. Per Cent of Farms Reporting Piped Running
Water, Rank of Counties for 1954

Rank by County 1954	Per Cent 1954	Rank by County 1954	Per Cent 1954
1. Lake	91.8	33. Ashland	79.7
2. Portage	89.5	34. Knox	79.5
3. Summit	89.1	35. Madison	79.5
4. Fulton	88.3	36. Carroll	79.3
5. Mahoning	87.9	37. Hancock	79.1
6. Stark	86.9	38. Warren	79.1
7. Medina	86.4	39. Hamilton	78.9
8. Trumbull	86.1	40. Henry	78.9
9. Lorain	85.7	41. Putnam	78.8
10. Allen	85.2	42. Hardin	78.6
11. Guyahoga	85.2	43. Ottawa	78.6
12. Miami	84.6	44. Logan	78.4
13. Ashtabula	84.5	45. Shelby	77.9
14. Wayne	84.5	46. Delaware	77.8
15. Montgomery	84.4	47. Defiance	77.1
16. Columbiana	84.2	48. Seneca	77.0
17. Auglaize	84.0	49. Holmes	76.3
18. Sandusky	83.6	50. Coshocton	76.1
19. Clark	83.2	51. Huron	76.1
20. Geauga	82.9	52. Union	76.0
21. Erie	82.7	53. Butler	75.7
22. Franklin	82.6	54. Preble	75.7
23. Williams	82.3	55. Licking	74.9
24. Wyandot	82.0	56. Fayette	74.7
25. Fairfield	81.3	57. Mercer	74.6
26. Tuscarawas	80.8	58. Van Wert	74.3
27. Darke	80.7	59. Greene	73.6
28. Lucas	80.4	60. Champaign	73.2
29. Marion	80.4	61. Clinton	71.8
30. Richland	80.4	62. Pickaway	71.4
31. Crawford	80.0	63. Morrow	70.0
32. Wood	79.9	64. Jefferson	69.6

Table 23. Per Cent of Farms Reporting Piped Running
Water, Rank of Counties for 1954 (Continued)

Rank by County 1954	Per Cent 1954	Rank by County 1954	Per Cent 1954
65. Paulding	69.0	77. Athens	46.3
66. Harrison	67.5	78. Meigs	46.3
67. Clermont	60.4	79. Noble	44.7
68. Belmont	59.7	80. Jackson	42.9
69. Muskingum	59.3	81. Morgan	42.5
70. Guernsey	58.2	82. Lawrence	40.8
71. Perry	58.1	83. Monroe	39.9
72. Ross	56.7	84. Gallia	37.7
73. Hocking	56.2	85. Vinton	36.1
74. Washington	52.5	86. Brown	34.0
75. Highland	50.2	87. Adams	27.2
76. Scioto	49.8	88. Pike	22.6

Table 24. Per Cent of Farms Reporting Home
Freezers, by Rank of Counties for
1954 and 1950

Rank by County 1954	Per Cent 1954	Rank 1950	Per Cent 1950
State Total	44.8		18.0
1. Miami	61.0	5	29.6
2. Montgomery	60.9	1	31.1
3. Darke	60.1	2	30.7
4. Mercer	59.9	53	16.6
5. Wyandot	59.5	10	27.5
6. Seneca	59.2	6	29.3
7. Crawford	58.6	41	18.2
8. Butler	58.1	13	25.6
9. Warren	57.0	4	29.8
10. Medina	56.9	8	27.7
11. Fairfield	56.7	33	19.9
12. Huron	56.5	7	28.5
13. Hancock	56.2	24	23.2
14. Lake	56.2	19	24.2
15. Erie	55.6	9	27.5
16. Franklin	55.3	25	22.9
17. Preble	55.3	11	26.9
18. Fulton	54.1	18	24.2
19. Ottawa	54.1	36	19.3
20. Ashland	53.9	22	23.6
21. Wayne	53.9	12	26.7
22. Wood	53.9	30	21.0
23. Shelby	53.6	39	18.4
24. Hamilton	53.5	15	25.6
25. Allen	53.1	34	19.8
26. Richland	52.6	17	25.0
27. Lorain	51.7	27	22.5
28. Marion	51.5	16	25.0
29. Sandusky	51.3	29	21.1
30. Auglaize	50.7	54	16.4

Table 24. Per Cent of Farms Reporting Home
Freezers, by Rank of Counties for
1954 and 1950 (Continued)

Rank by County 1954	Per Cent 1954	Rank 1950	Per Cent 1950
31. Madison	50.4	26	22.9
32. Cuyahoga	49.3	3	30.3
33. Stark	49.2	23	23.3
34. Putnam	49.1	67	12.1
35. Union	48.9	40	18.3
36. Geauga	48.7	14	25.6
37. Defiance	47.7	44	17.8
38. Licking	47.6	46	17.3
39. Mahoning	47.5	42	18.2
40. Knox	46.8	63	13.5
41. Logan	46.3	58	15.8
42. Coshocton	46.0	64	13.1
43. Jefferson	45.9	31	20.2
44. Trumbull	45.6	56	16.1
45. Van Wert	45.5	61	14.4
46. Paulding	45.3	57	16.0
47. Tuscarawas	45.2	35	19.6
48. Henry	45.1	52	16.6
49. Portage	45.1	32	20.0
50. Columbiana	44.9	28	21.7
51. Pickaway	44.8	21	23.8
52. Carroll	44.1	45	17.6
53. Clark	44.0	50	16.8
54. Morrow	44.0	50	16.9
55. Williams	43.8	49	17.1
56. Clermont	43.6	37	18.9
57. Greene	43.3	47	17.2
58. Lucas	43.3	20	24.2
59. Summit	43.2	44	17.8
60. Champaign	43.0	59	15.4

Table 24. Per Cent of Farms Reporting Home
Freezers, by Rank of Counties for
1954 and 1950 (Continued)

Rank by County 1954	Per Cent 1954	Rank 1950	Per Cent 1950
61. Ashtabula	42.2	55	16.1
62. Hardin	41.8	65	13.0
63. Perry	41.5	60	15.0
64. Delaware	40.2	62	14.0
65. Clinton	39.9	70	11.0
66. Harrison	37.8	38	18.4
67. Muskingum	37.1	66	12.8
68. Athens	36.1	71	10.6
69. Fayette	35.8	48	17.1
70. Hocking	35.4	82	6.5
71. Highland	35.3	69	11.1
72. Belmont	34.9	73	9.9
73. Morgan	33.5	75	9.3
74. Noble	28.9	74	9.7
75. Vinton	28.1	86	4.2
76. Ross	26.4	72	10.6
77. Brown	26.3	81	6.7
78. Washington	25.4	80	6.8
79. Guernsey	23.7	77	8.9
80. Scioto	23.5	84	5.8
81. Holmes	22.2	76	9.1
82. Meigs	22.2	68	11.4
83. Lawrence	22.0	83	6.4
84. Jackson	21.7	78	7.6
85. Monroe	19.8	88	3.3
86. Gallia	18.9	79	7.1
87. Pike	18.9	85	5.2
88. Adams	17.0	87	3.7

Table 25. Per Cent of Farms Reporting Electricity,
Rank of Counties for 1954

Rank by County 1954	Per Cent 1954	Rank by County 1954	Per Cent 1954
State Total	96.9		
1. Crawford	99.7	33. Fairfield	98.6
2. Clinton	99.6	34. Delaware	98.5
3. Wyandot	99.6	35. Hamilton	98.5
4. Erie	99.5	36. Marion	98.5
5. Huron	99.5	37. Miami	98.5
6. Auglaize	99.4	38. Portage	98.5
7. Union	99.4	39. Lucas	98.3
8. Fulton	99.3	40. Lawrence	98.2
9. Hancock	99.3	41. Columbiana	98.1
10. Putnam	99.3	42. Franklin	98.1
11. Allen	99.2	43. Hardin	98.1
12. Butler	99.1	44. Lorain	98.1
13. Champaign	99.1	45. Licking	98.0
14. Clark	99.1	46. Richland	97.9
15. Cuyahoga	99.1	47. Shelby	97.9
16. Knox	99.0	48. Defiance	97.8
17. Logan	99.0	49. Morrow	97.8
18. Pickaway	99.0	50. Fayette	97.7
19. Preble	99.0	51. Greene	97.7
20. Darke	98.9	52. Ross	97.7
21. Seneca	98.9	53. Carroll	97.6
22. Warren	98.9	54. Jefferson	97.6
23. Montgomery	98.8	55. Athens	97.5
24. Paulding	98.8	56. Henry	97.5
25. Scioto	98.8	57. Ashland	97.4
26. Lake	98.7	58. Harrison	97.4
27. Mahoning	98.7	59. Van Wert	97.4
28. Medina	98.7	60. Stark	97.3
29. Mercer	98.7	61. Clermont	97.2
30. Sandusky	98.7	62. Gallia	97.1
31. Williams	98.7	63. Summit	97.0
32. Wood	98.7	64. Perry	96.9

Table 25. Per Cent of Farms Reporting Electricity,
Rank of Counties for 1954 (Continued)

Rank by County 1954	Per Cent 1954	County 1954	Per Cent 1954
65. Trumbull	96.9	77. Coshocton	94.2
66. Muskingum	96.8	78. Guernsey	93.9
67. Belmont	96.7	79. Pike	93.8
68. Jackson	96.7	80. Adams	93.6
69. Morgan	96.1	81. Noble	93.5
70. Highland	96.0	82. Washington	93.5
71. Meigs	95.5	83. Brown	93.4
72. Vinton	95.5	84. Tuscarawas	93.1
73. Ashtabula	95.2	85. Monroe	91.6
74. Ottawa	95.2	86. Geauga	90.9
75. Hocking	95.1	87. Wayne	89.0
76. Madison	95.0	88. Holmes	59.8

Table 26. Per Cent of Farms Reporting Telephones,
by Rank of Counties for 1950 and 1954

Rank by County 1954	Per Cent 1954	Rank 1950	Per Cent 1950
State Total	71.6		60.1
1. Cuyahoga	93.7	2	86.8
2. Greene	91.8	20	72.5
3. Clark	91.3	3	83.1
4. Franklin	90.8	5	80.6
5. Putnam	89.9	4	81.3
6. Allen	87.8	6	80.3
7. Hamilton	87.8	8	77.7
8. Summit	87.5	14	75.3
9. Medina	87.3	27	69.9
10. Stark	87.0	16	74.1
11. Madison	85.8	11	77.2
12. Mahoning	85.8	23	71.5
13. Butler	85.2	9	77.6
14. Lake	85.2	18	73.4
15. Montgomery	84.8	7	78.7
16. Lorain	84.4	22	72.0
17. Fairfield	84.3	10	77.3
18. Huron	84.3	21	72.4
19. Sandusky	84.3	42	62.3
20. Fayette	84.2	1	87.9
21. Hancock	83.6	12	76.2
22. Erie	82.7	30	69.2
23. Logan	82.4	31	68.4
24. Seneca	82.2	25	70.4
25. Columbiana	82.0	28	69.6
26. Crawford	81.4	36	66.4
27. Ashland	81.2	13	75.8
28. Miami	80.4	41	62.4
29. Portage	79.9	32	67.8
30. Fulton	79.8	15	75.0

Table 26. Per Cent of Farms Reporting Telephones,
by Rank of Counties for 1950 and 1954 (Continued)

Rank by County 1954	Per Cent 1954	Rank 1950	Per Cent 1950
31. Champaign	79.6	17	73.9
32. Pickaway	79.2	35	67.0
33. Preble	78.7	33	67.4
34. Clermont	78.6	26	70.3
35. Richland	78.5	37	65.7
36. Warren	78.3	51	58.0
37. Lucas	77.4	47	59.8
38. Delaware	77.3	24	70.5
39. Wyandot	77.2	29	69.4
40. Licking	77.2	40	64.3
41. Henry	76.3	19	73.0
42. Union	76.3	50	59.3
43. Knox	76.2	48	59.6
44. Trumbull	76.1	53	57.3
45. Perry	75.1	57	55.7
46. Geauga	74.1	38	65.3
47. Wood	73.7	52	57.9
48. Ashtabula	73.2	34	67.1
49. Wayne	72.6	44	61.5
50. Muskingum	72.3	39	65.1
51. Defiance	72.2	45	60.5
52. Auglaize	71.8	43	61.8
53. Monroe	71.8	65	51.3
54. Marion	71.3	49	59.3
55. Belmont	70.6	68	48.0
56. Clinton	70.5	55	57.0
57. Paulding	69.4	58	54.9
58. Ross	68.4	56	55.9
59. Hardin	66.6	64	51.9
60. Shelby	66.3	63	52.1

Table 26. Per Cent of Farms Reporting Telephones
by Rank of Counties for 1950 and 1954 (Continued)

Rank by County 1954	Per Cent 1954	Rank 1950	Per Cent 1950
61. Ottawa	66.0	73	45.5
62. Gallia	65.1	69	48.0
63. Morrow	64.8	74	43.5
64. Darke	64.6	62	53.2
65. Morgan	64.1	54	57.1
66. Van Wert	63.5	46	60.4
67. Athens	63.1	66	50.3
68. Highland	62.0	59	54.7
69. Coshocton	59.7	72	45.9
70. Noble	59.7	60	54.6
71. Tuscarawas	59.3	78	39.7
72. Carroll	58.0	67	49.4
73. Washington	57.2	76	42.0
74. Williams	57.2	71	46.3
75. Jefferson	54.2	79	36.6
76. Hocking	53.6	75	42.5
77. Brown	51.1	70	46.4
78. Mercer	49.7	77	40.5
79. Harrison	47.1	82	28.5
80. Meigs	45.0	61	54.5
81. Guernsey	43.6	80	35.2
82. Lawrence	40.0	84	25.5
83. Holmes	37.2	81	35.1
84. Scioto	37.1	83	26.5
85. Vinton	31.0	88	16.1
86. Adams	28.2	87	19.3
87. Jackson	27.9	85	22.9
88. Pike	22.3	86	22.0

Table 27. Per Cent of Farms Reporting Television,
Rank of Counties for 1954

Rank by County 1954	Per Cent 1954	Rank by County 1954	Per Cent 1954
State Total	65.1		
1. Pickaway	87.2	33. Union	72.9
2. Fairfield	85.9	34. Morrow	72.5
3. Franklin	84.3	35. Clermont	72.3
4. Warren	84.2	36. Wyandot	68.2
5. Delaware	83.6	37. Logan	68.0
6. Montgomery	83.6	38. Seneca	68.0
7. Hamilton	83.4	39. Columbiana	67.8
8. Butler	82.8	40. Perry	67.5
9. Cuyahoga	82.5	41. Fulton	67.0
10. Marion	82.2	42. Ashland	66.3
11. Lucas	81.5	43. Richland	66.1
12. Clark	81.2	44. Ross	66.0
13. Clinton	80.2	45. Hancock	66.0
14. Summit	80.2	46. Stark	65.9
15. Miami	79.1	47. Mahoning	65.8
16. Lorain	78.7	48. Huron	65.7
17. Madison	78.5	49. Trumbull	64.9
18. Fayette	78.3	50. Highland	64.4
19. Wood	78.2	51. Knox	64.4
20. Sandusky	78.0	52. Geauga	64.3
21. Henry	77.5	53. Hardin	63.7
22. Shelby	77.4	54. Augalize	63.4
23. Erie	77.2	55. Crawford	62.3
24. Greene	77.2	56. Hocking	61.9
25. Champaign	76.5	57. Jefferson	60.1
26. Medina	76.5	58. Defiance	60.0
27. Portage	76.4	59. Ashtabula	59.6
28. Licking	75.6	60. Brown	59.1
29. Lake	75.4	61. Scioto	57.9
30. Darke	75.0	62. Putnam	57.6
31. Preble	75.0	63. Lawrence	57.5
32. Ottawa	74.7	64. Williams	56.6

Table 27. Per Cent of Farms Reporting Television,
Rank of Counties for 1954 (Continued)

Rank by County 1954	Per Cent 1954	Rank by County 1954	Per Cent 1954
65. Carroll	56.0	77. Van Wert	47.4
66. Meigs	55.0	78. Allen	47.3
67. Harrison	54.7	79. Adams	46.5
68. Wayne	54.6	80. Athens	46.3
69. Paulding	54.4	81. Tuscarawas	43.0
70. Gallia	53.1	82. Guernsey	36.8
71. Belmont	53.0	83. Coshocton	34.8
72. Muskingum	52.6	84. Monroe	33.3
73. Jackson	50.6	85. Morgan	32.7
74. Mercer	50.3	86. Washington	31.7
75. Pike	48.6	87. Noble	30.8
76. Vinton	48.2	88. Holmes	28.5

Table 28. Index of Rural Farm Housing Conveniences,
Rank of Counties for Ohio, 1940 - 1950*

Rank for 1950	Rank by County 1950	Index 1950	Rank for 1940	Index 1940	Per Cent of Increase
	State Total	100		53	
1	Cuyahoga	125	1	99	26.3
2	Lake	124	22	97	27.8
3	Summit	119	3	93	28.0
4	Lorain	118	6	85	38.8
5	Fulton	115	27	63	82.5
6	Mahoning	115	9	81	42.0
7	Medina	115	7	85	35.3
8	Portage	115	13	77	49.4
9	Stark	115	11	79	45.6
10	Crawford	113	19	67	68.7
11	Erie	113	8	81	39.5
12	Franklin	113	5	86	31.4
13	Montgomery	113	10	81	39.5
14	Hamilton	112	4	91	23.1
15	Lucas	112	12	78	43.6
16	Trumbull	112	16	74	51.4
17	Clark	111	14	76	46.5
18	Marion	111	24	65	70.8
19	Sandusky	111	28	63	76.2
20	Allen	110	31	60	83.3
21	Columbiana	110	32	60	83.3
22	Hancock	110	35	58	89.7
23	Miami	110	17	72	52.8
24	Ottawa	110	25	65	69.2
25	Richland	110	38	58	89.7
26	Seneca	110	29	63	74.6
27	Wyandot	110	54	48	129.2
28	Augalize	109	45	53	105.7
29	Huron	109	22	66	65.2
30	Butler	108	15	74	45.9

Table 28. Index of Rural Farm Housing Conveniences,
Rank of Counties for Ohio, 1940 - 1950* (Continued)

Rank for 1950	Rank by County 1950	Index 1950	Rank for 1940	Index 1940	Per Cent of Increase
31	Williams	108	42	55	96.4
32	Wood	108	23	66	63.6
33	Greene	107	34	58	84.5
34	Wayne	107	21	67	59.7
35	Ashtabula	106	30	62	71.0
36	Delaware	106	20	67	58.2
37	Henry	106	36	58	82.8
38	Putnam	106	43	54	96.3
39	Ashland	105	48	50	110.0
40	Knox	105	64	42	150.0
41	Preble	105	37	58	81.0
42	Van Wert	105	47	51	105.9
43	Warren	105	44	54	94.4
44	Defiance	104	55	47	121.3
45	Geauga	104	18	69	50.7
46	Champaign	103	26	63	63.5
47	Fairfield	103	41	55	87.3
48	Licking	103	40	56	83.9
49	Shelby	103	33	59	74.6
50	Carroll	102	59	45	126.7
51	Darke	102	49	50	104.0
52	Logan	102	57	47	117.0
53	Jefferson	101	52	48	110.4
54	Mercer	101	53	48	110.4
55	Clinton	100	46	51	96.1
56	Hardin	100	60	44	127.3
57	Union	100	39	58	72.4
58	Fayette	98	56	47	108.5
59	Harrison	98	69	38	157.9
60	Morrow	98	61	44	122.7

Table 28. Index of Rural Farm Housing Conveniences,
Rank of Counties for Ohio, 1940 - 1950 (Continued)*

Rank for 1950	Rank by County 1950	Index 1950	Rank for 1940	Index 1940	Per Cent of Increase
61	Paulding	98	67	40	145.0
62	Pickaway	98	58	47	108.5
63	Tuscarawas	97	51	49	98.0
64	Clermont	94	50	49	91.8
65	Coshocton	94	68	39	141.0
66	Belmont	91	63	43	111.6
67	Madison	91	65	42	116.7
68	Muskingum	91	62	44	118.2
69	Perry	88	77	27	225.9
70	Guernsey	87	74	28	210.7
71	Highland	83	70	36	130.6
72	Meigs	80	78	21	281.0
73	Ross	80	75	28	185.7
74	Washington	80	79	20	300.0
75	Athens	78	72	31	151.6
76	Scioto	78	76	28	178.6
77	Noble	77	73	29	165.5
78	Hocking	76	82	17	347.1
79	Jackson	76	84	15	406.7
80	Morgan	76	71	35	117.1
81	Gallia	75	81	19	294.7
82	Lawrence	73	83	16	356.3
83	Brown	72	80	19	278.9
84	Vinton	69	85	13	430.8
85	Holmes	66	66	40	65.0
86	Pike	66	88	9	633.3
87	Adams	65	87	10	550.0
88	Monroe	65	86	12	441.7

*Variables included:

1. Percentage with toilet.
2. Percentage with electric lights.
3. Percentage with central heating.
4. Percentage with mechanical refrigerator.

III. MECHANIZATION

Table 29. Dollars Spent for Petroleum Fuels Per 10
Acres of Cropland Harvested and Dollars Spent for
Electricity from Power Line Per 10 Acres
Cropland Harvested, by Rank of
Counties for 1950

Rank for Fuel	County	Dollars Spent for Petroleum Fuel	Rank for Electricity	Dollars Spent for Electricity
	State	39.6		1.6
1	Cuyahoga	125.1	1	9.9
2	Lake	94.8	87	0.5
3	Hamilton	59.6	3	5.0
4	Lorain	53.8	24	2.1
5	Columbiana	52.7	12	2.7
6	Portage	52.0	8	3.1
7	Geauga	50.7	9	3.0
8	Mahoning	48.8	11	2.8
9	Jefferson	48.7	7	3.2
10	Stark	48.6	17	2.6
11	Erie	48.5	47	1.6
12	Medina	48.3	19	2.4
13	Lucas	47.6	21	2.2
14	Meigs	47.6	14	2.7
15	Darke	44.7	44	1.6
16	Summit	44.2	2	5.5
17	Fairfield	44.1	49	1.5
18	Ottawa	44.1	61	1.3
19	Richland	43.2	30	2.0
20	Miami	43.0	55	1.4
21	Wayne	43.0	38	1.8
22	Montgomery	42.9	15	2.7
23	Butler	42.7	33	1.9
24	Ashtabula	42.5	10	2.8
25	Fulton	42.5	50	1.5

Table 29. Dollars Spent for Petroleum Fuels Per 10
Acres of Cropland Harvested and Dollars Spent for
Electricity from Power Line Per 10 Acres
Cropland Harvested, by Rank of
Counties for 1950 (Continued)

Rank for Fuel	County	Dollars Spent for Petroleum Fuel	Rank for Electricity	Dollars Spent for Electricity
26	Mercer	42.5	63	1.2
27	Pickaway	42.2	83	0.8
28	Huron	42.1	60	1.3
29	Wyandot	41.3	79	1.0
30	Greene	40.9	53	1.4
31	Trumbull	40.4	5	3.5
32	Scioto	40.2	31	2.0
33	Shelby	40.1	74	1.1
34	Sandusky	40.0	64	1.2
35	Wood	40.0	82	0.9
36	Preble	39.7	57	1.4
37	Putnam	39.7	73	1.1
38	Muskingum	39.5	25	2.1
39	Delaware	39.2	45	1.6
40	Henry	38.9	76	1.0
41	Ross	38.6	78	1.0
42	Allen	38.4	48	1.5
43	Williams	38.4	67	1.2
44	Champaign	38.0	52	1.4
45	Hocking	38.0	34	1.9
46	Van Wert	37.8	84	0.8
47	Augalize	37.7	62	1.2
48	Logan	37.7	54	1.4
49	Seneca	37.7	65	1.2
50	Clermont	37.6	16	2.6
51	Hancock	37.6	75	1.0
52	Hardin	37.6	81	0.9
53	Washington	37.6	32	2.0
54	Highland	37.4	71	1.1
55	Clark	37.2	59	1.3
56	Franklin	37.0	27	2.0
57	Tuscarawas	36.9	26	2.1
58	Knox	36.8	40	1.7
59	Coshocton	36.7	46	1.6
60	Defiance	36.7	80	0.9

Table 29. Dollars Spent for Petroleum Fuels Per 10
Acres of Cropland Harvested and Dollars Spent for
Electricity from Power Line Per 10 Acres
Cropland Harvested, by Rank of
Counties for 1950 (Continued)

Rank for Fuel	County	Dollars Spent for Petroleum Fuel	Rank for Electricity	Dollars Spent for Electricity
61	Madison	36.7	86	0.7
62	Ashland	36.5	39	1.7
63	Clinton	36.5	69	1.1
64	Harrison	36.3	20	2.2
65	Fayette	36.0	85	0.7
66	Gallia	35.5	13	2.7
67	Warren	35.2	37	1.8
68	Crawford	34.9	70	1.1
69	Adams	34.6	68	1.1
70	Belmont	34.5	18	2.5
71	Morgan	34.5	29	2.0
72	Lawrence	34.3	4	3.6
73	Pike	33.9	56	1.4
74	Marion	33.7	77	1.0
75	Guernsey	32.6	23	2.1
76	Union	32.2	66	1.2
77	Morrow	31.3	51	1.5
78	Athens	31.1	6	3.2
79	Licking	31.0	41	1.7
80	Perry	30.7	43	1.7
81	Jackson	29.9	35	1.9
82	Carroll	29.7	22	2.1
83	Brown	29.2	58	1.3
84	Holmes	28.0	72	1.1
85	Vinton	27.9	36	1.9
86	Paulding	27.3	88	0.5
87	Monroe	24.7	28	2.0
88	Noble	21.5	42	1.7

Table 30. Dollars Spent by Farmers for Gasoline and
Other Petroleum Fuel and Oil, by Rank of Counties
for Ohio, 1954

Rank for 1954	County	Dollars Spent	Rank for 1954	County	Dollars Spent
1	Darke	1,183,230	33	Ashtabula	658,845
2	Wood	1,353,080	34	Logan	651,710
3	Putnam	1,024,720	35	Franklin	647,795
4	Wayne	936,515	36	Stark	641,430
5	Mercer	933,820	37	Allen	635,510
6	Seneca	918,805	38	Greene	631,171
7	Henry	915,395	39	Columbiana	614,645
8	Hancock	876,955	40	Paulding	610,690
9	Pickaway	875,577	41	Wyandot	606,050
10	Fulton	843,375	42	Richland	603,580
11	Licking	821,620	43	Ross	593,951
12	Huron	792,398	44	Butler	567,620
13	Sandusky	784,200	45	Montgomery	565,503
14	Hardin	779,620	46	Medina	556,875
15	Madison	768,056	47	Marion	550,242
16	Shelby	746,831	48	Knox	533,060
17	Auglaize	743,280	49	Erie	528,560
18	Defiance	740,580	50	Ashland	521,215
19	Van Wert	705,340	51	Morrow	513,700
20	Miami	699,510	52	Lucas	507,890
21	Clinton	692,200	53	Trumbull	488,258
22	Preble	689,545	54	Portage	478,865
23	Williams	686,975	55	Ottawa	457,545
24	Highland	684,205	56	Brown	456,010
25	Crawford	682,064	57	Warren	444,390
26	Fayette	678,833	58	Tuscarawas	432,420
27	Champaign	678,089	59	Mahoning	415,600
28	Lorain	676,685	60	Muskingum	413,342
29	Fairfield	673,920	61	Coshocton	391,435
30	Union	668,825	62	Holmes	387,440
31	Clark	668,224	63	Adams	358,420
32	Delaware	659,460	64	Clermont	324,455

Table 30. Dollars Spent by Farmers for Gasoline and
Other Petroleum Fuel and Oil, by Rank of Counties
for Ohio, 1954 (Continued)

Rank for 1954	County	Dollars Spent	Rank for 1954	County	Dollars Spent
65	Geauga	321,055	77	Jefferson	203,720
66	Washington	319,750	78	Morgan	195,850
67	Summit	283,975	79	Jackson	177,735
68	Carroll	277,830	80	Hocking	175,675
69	Belmont	259,521	81	Monroe	172,560
70	Scioto	248,820	82	Noble	153,555
71	Guernsey	242,060	83	Harrison	149,326
72	Hamilton	223,935	84	Lake	148,450
73	Perry	215,725	85	Cuyahoga	129,530
74	Athens	210,660	86	Gallia	129,260
75	Meigs	209,290	87	Lawrence	110,135
76	Pike	207,235	88	Vinton	92,487

Table 31. Per Cent of Farms Reporting Tractors,
by Rank of Counties for 1950 and 1954

Rank by County 1954	Per Cent 1954	Rank 1950	Per Cent 1950
State Total	77.7		63.9
1. Hancock	89.9	14	78.9
2. Sandusky	89.9	3	83.4
3. Henry	89.8	8	80.6
4. Paulding	89.6	24	77.2
5. Fulton	88.9	4	83.1
6. Lorain	88.9	18	78.2
7. Seneca	88.9	8	82.1
8. Wood	88.6	7	81.5
9. Clinton	88.5	31	74.0
10. Defiance	88.1	25	76.1
11. Hardin	88.0	42	69.7
12. Ottawa	87.7	2	83.8
13. Portage	87.2	36	71.4
14. Medina	87.1	26	75.9
15. Crawford	87.0	28	74.9
16. Lake	86.9	15	78.9
17. Huron	86.6	9	80.5
18. Augalize	86.5	38	71.1
19. Erie	86.4	13	79.0
20. Williams	86.4	11	79.7
21. Preble	86.2	10	80.3
22. Putnam	86.0	16	78.6
23. Franklin	85.9	56	64.0
24. Mercer	85.9	27	75.7
25. Van Wert	85.8	1	86.2
26. Mahoning	85.0	49	68.4
27. Richland	84.8	22	77.7
28. Shelby	84.4	19	78.2
29. Wyandot	84.4	6	82.1
30. Butler	84.3	32	73.4

Table 31. Per Cent of Farms Reporting Tractors,
by Rank of Counties for 1950 and 1954 (Continued)

Rank by County 1954	Per Cent 1954	Rank 1950	Per Cent 1950
31. Lucas	84.2	37	71.3
32. Montgomery	84.2	43	69.6
33. Marion	84.1	30	74.1
34. Darke	84.0	23	77.2
35. Delaware	84.0	34	72.4
36. Trumbull	83.9	57	63.9
37. Madison	83.3	12	79.3
38. Stark	82.9	48	68.6
39. Allen	82.6	29	74.5
40. Ashtabula	82.5	46	68.7
41. Pickaway	82.0	20	78.1
42. Knox	81.6	60	60.9
43. Warren	81.4	47	68.7
44. Carroll	80.9	62	53.0
45. Greene	80.9	50	68.3
46. Union	80.9	35	72.0
47. Licking	80.3	58	63.6
48. Highland	80.1	53	66.8
49. Wayne	79.5	54	66.4
50. Columbiana	79.4	55	64.6
51. Clark	79.1	33	72.9
52. Fairfield	79.1	51	67.1
53. Summit	79.1	59	62.5
54. Logan	78.9	41	70.1
55. Geauga	78.8	45	69.4
56. Franklin	64.0	23	85.9
57. Ashland	77.9	39	70.1
58. Champaign	77.9	40	70.1
59. Morrow	77.5	44	69.6
60. Hamilton	76.7	70	50.6

Table 31. Per Cent of Farms Reporting Tractors,
by Rank of Counties for 1950 and 1954 (Continued)

Rank by County 1954	Per Cent 1954	Rank 1950	Per Cent 1950
61. Fayette	75.2	21	77.9
62. Coshocton	74.0	66	51.7
63. Cuyahoga	73.9	52	66.8
64. Muskingum	73.2	64	52.3
65. Brown	72.6	69	50.7
66. Perry	70.9	65	52.2
67. Tuscarawas	70.9	68	51.0
68. Clermont	70.7	63	52.8
69. Jefferson	68.8	67	51.3
70. Scioto	68.0	79	34.8
71. Hocking	67.1	77	37.3
72. Harrison	66.1	72	46.6
73. Ross	64.9	61	54.5
74. Adams	63.7	73	45.1
75. Belmont	62.5	78	35.5
76. Guernsey	61.6	76	37.6
77. Washington	59.2	80	33.6
78. Holmes	58.7	71	48.8
79. Morgan	57.2	82	31.1
80. Athens	56.9	81	33.4
81. Jackson	54.5	83	29.5
82. Pike	52.5	75	40.8
83. Vinton	52.4	84	29.4
84. Meigs	51.6	74	43.6
85. Noble	50.8	86	25.4
86. Monroe	48.2	87	21.9
87. Gallia	40.6	85	26.6
88. Lawrence	36.3	88	19.0

Table 32. Per Cent of Farms Reporting Motortrucks,
by Rank of Counties for 1954 and 1950

Rank by County 1954	Per Cent 1954	Rank 1950	Per Cent 1950
State Total	38.9		28.5
1. Erie	64.1	1	49.2
2. Madison	59.1	6	42.7
3. Pickaway	58.8	4	45.7
4. Sandusky	54.9	15	36.9
5. Jefferson	53.0	2	46.2
6. Wood	51.2	12	37.4
7. Seneca	50.3	34	29.8
8. Lake	49.6	3	45.8
9. Ottawa	49.0	5	43.2
10. Columbiana	47.8	13	37.3
11. Franklin	47.8	36	29.5
12. Fayette	47.6	8	40.1
13. Clark	47.3	16	36.6
14. Lucas	46.9	9	39.7
15. Hamilton	46.2	11	38.6
16. Greene	46.1	26	32.6
17. Marion	46.1	51	26.7
18. Mahoning	45.5	25	33.3
19. Crawford	45.4	63	24.6
20. Clinton	44.9	29	32.1
21. Carroll	44.8	32	30.7
22. Wayne	44.6	31	31.4
23. Butler	44.4	18	35.1
24. Lorain	43.8	10	38.8
25. Harrison	43.5	24	33.4
26. Henry	43.2	47	27.1
27. Huron	42.6	23	34.4
28. Wyandot	42.4	35	29.6
29. Union	42.1	49	26.9
30. Hardin	41.6	70	22.3

Table 32. Per Cent of Farms Reporting Motortrucks,
by Rank of Counties for 1954 and 1950 (Continued)

Rank by County 1954	Per Cent 1954	Rank 1950	Per Cent 1950
31. Miami	41.5	14	37.2
32. Geauga	41.2	37	29.4
33. Medina	41.1	41	28.9
34. Montgomery	41.1	48	27.1
35. Hocking	40.7	66	24.3
36. Knox	40.7	64	29.6
37. Ashland	40.5	53	26.4
38. Preble	40.4	28	32.4
39. Fairfield	40.3	38	29.2
40. Hancock	40.3	59	25.3
41. Portage	40.2	27	32.5
42. Stark	40.2	19	35.0
43. Paulding	40.1	69	22.8
44. Lawrence	40.0	17	35.3
45. Cuyahoga	39.9	7	41.9
46. Champaign	39.7	22	34.4
47. Delaware	39.7	58	25.3
48. Tuscarawas	39.7	30	32.1
49. Perry	39.2	57	25.7
50. Ross	39.0	21	34.7
51. Fulton	38.6	39	29.2
52. Pike	38.5	45	27.9
53. Licking	38.4	61	24.9
54. Scioto	37.9	67	24.3
55. Muskingum	37.8	46	27.2
56. Richland	37.6	54	26.3
57. Coshocton	37.2	42	28.4
58. Auglaize	37.0	81	18.3
59. Highland	37.0	50	26.8
60. Defiance	36.9	44	28.3

Table 32. Per Cent of Farms Reporting Motor-trucks,
by Rank of Counties for 1954 and 1950 (Continued)

Rank by County 1954	Per Cent 1954	Rank 1950	Per Cent 1950
61. Summit	36.3	33	30.6
62. Belmont	36.2	62	24.6
63. Washington	36.2	55	26.1
64. Trumbull	36.1	72	22.3
65. Vinton	36.0	52	26.5
66. Ashtabula	35.4	43	28.3
67. Guernsey	35.2	40	29.2
68. Meigs	34.7	20	34.9
69. Warren	34.7	56	25.9
70. Logan	34.5	73	21.8
71. Shelby	34.2	71	22.3
72. Jackson	33.6	65	24.5
73. Adams	32.2	75	21.6
74. Athens	31.5	60	25.0
75. Van Wert	30.5	79	19.5
76. Darke	29.9	74	21.7
77. Noble	29.3	84	18.0
78. Morrow	29.0	82	18.1
79. Morgan	28.2	77	20.6
80. Gallia	27.8	68	23.9
81. Allen	27.4	85	17.1
82. Monroe	26.7	78	20.5
83. Holmes	26.0	86	16.7
84. Williams	25.6	83	18.1
85. Clermont	24.5	76	21.2
86. Mercer	24.5	87	16.6
87. Brown	23.2	80	18.4
88. Putnam	23.0	88	14.2

Table 33. Per Cent of Farms Reporting Wheel Tractors
Other than Garden, by Rank of Counties for
1954 and 1950

Rank by County 1954	Per Cent 1954	Rank 1950	Per Cent 1950
State Total	73.4		59.6
1. Hancock	88.6	10	78.0
2. Paulding	88.1	18	
3. Henry	87.9	9	78.8
4. Fulton	87.2	2	81.2
5. Sandusky	87.1	6	79.9
6. Ottawa	86.9	3	81.2
7. Wood	86.5	7	79.0
8. Seneca	85.5	5	80.3
9. Hardin	85.1	33	68.5
10. Huron	85.1	12	76.4
11. Auglaize	85.0	30	69.9
12. Putnam	84.9	11	77.7
13. Clinton	84.8	24	72.6
14. Erie	84.8	21	73.9
15. Williams	84.8	13	76.0
16. Lorain	84.7	28	70.6
17. Mercer	84.2	19	74.1
18. Van Wert	83.9	1	83.9
19. Defiance	83.8	22	73.8
20. Preble	83.8	17	75.2
21. Crawford	83.6	26	72.1
22. Medina	83.5	29	70.6
23. Shelby	82.3	16	75.4
24. Wyandot	81.7	4	81.0
25. Darke	81.4	20	74.0
26. Delaware	81.2	34	68.2
27. Madison	81.1	8	78.9
28. Portage	81.0	40	65.4
29. Marion	80.8	28	70.6
30. Pickaway	80.8	14	75.5

Table 33. Per Cent of Farms Reporting Wheel Tractors
Other than Garden, by Rank of Counties for
1954 and 1950 (Continued)

Rank by County 1954	Per Cent 1954	Rank 1950	Per Cent 1950
31. Franklin	79.6	58	55.0
32. Mahoning	79.6	53	61.2
33. Allen	79.1	37	67.1
34. Ashtabula	79.0	44	64.3
35. Richland	79.0	25	72.6
36. Union	78.6	31	69.1
37. Carroll	78.4	64	47.9
38. Lucas	77.9	45	64.1
39. Highland	77.8	43	64.5
40. Knox	77.6	57	56.8
41. Trumbull	77.3	56	57.3
42. Butler	77.0	36	67.3
43. Greene	76.4	46	63.6
44. Licking	76.1	55	57.3
45. Champaign	76.0	35	67.4
46. Morrow	75.6	39	66.3
47. Warren	75.5	42	64.6
48. Stark	75.4	52	61.4
49. Miami	75.3	23	73.8
50. Montgomery	75.3	48	62.2
51. Logan	75.1	32	69.0
52. Wayne	74.7	47	62.5
53. Ashland	74.6	38	66.7
54. Fayette	74.1	15	75.4
55. Geauga	74.1	50	61.9
56. Columbiana	73.9	54	60.4
57. Lake	73.8	51	61.9
58. Clark	73.6	41	65.0
59. Coshocton	72.0	62	49.0
60. Fairfield	72.0	49	62.1

Table 33. Per Cent of Farms Reporting Wheel Tractors
Other than Garden, by Rank of Counties for
1954 and 1950 (Continued)

Rank by County 1954	Per Cent 1954	Rank 1950	Per Cent 1950
61. Brown	68.9	63	47.9
62. Perry	66.4	65	46.8
63. Tuscarawas	66.4	69	45.7
64. Muskingum	65.8	67	46.3
65. Jefferson	64.1	71	44.2
66. Scioto	63.3	78	31.6
67. Hocking	62.8	77	34.4
68. Adams	62.2	72	44.1
69. Harrison	62.0	--	----
70. Clermont	61.6	68	46.0
71. Ross	61.6	59	50.7
72. Summit	59.8	61	49.2
73. Hamilton	58.7	75	36.9
74. Guernsey	58.4	76	35.6
75. Belmont	57.2	79	31.4
76. Holmes	56.4	66	46.7
77. Cuyahoga	55.6	60	49.3
78. Washington	54.7	81	29.9
79. Morgan	54.4	82	29.1
80. Athens	53.0	80	30.2
81. Jackson	50.9	84	27.8
82. Pike	50.6	73	40.8
83. Vinton	49.0	83	29.0
84. Noble	48.9	85	23.6
85. Meigs	47.2	74	40.5
86. Monroe	46.2	87	21.0
87. Gallia	35.3	86	23.3
88. Lawrence	29.0	88	15.5

Table 34. Number of Tractors per 1,000 Acres Total
Cropland, by Rank of Counties for 1940 and 1950

Rank for 1950	County	Number of Tractors 1950	Rank for 1940	Number of Tractors 1940
	State Total	18.6		5.7
1	Cuyahoga	45.9	1	17.8
2	Lake	36.3	2	14.9
3	Summit	28.8	4	11.3
4	Hamilton	23.7	10	9.2
5	Geauga	21.9	8	9.8
6	Lucas	21.9	3	13.5
7	Portage	21.4	16	8.6
8	Lorain	21.2	7	9.9
9	Stark	20.7	29	7.2
10	Mahoning	20.6	12	8.9
11	Trumbull	19.9	33	7.0
12	Medina	19.8	13	8.8
13	Montgomery	19.4	6	10.8
14	Ottawa	19.1	5	11.2
15	Columbiana	19.0	50	5.4
16	Ashtabula	18.4	11	8.9
17	Erie	18.4	9	9.3
18	Richland	17.9	46	5.6
19	Meigs	16.7	75	2.4
20	Darke	16.1	19	8.3
21	Allen	16.0	22	7.7
22	Butler	16.0	27	7.4
23	Miami	15.7	15	8.5
24	Wayne	15.7	44	5.9
25	Fulton	15.6	20	7.8
26	Sandusky	15.5	18	8.4
27	Huron	15.4	35	6.8
28	Preble	14.8	23	7.7
29	Franklin	14.7	26	7.5
30	Warren	14.6	43	5.9

Table 34. Number of Tractors per 1,000 Acres Total
Cropland, by Rank of Counties for 1940 and 1950
(Continued)

County	Number of Tractors 1950	Rank for 1940	Number of Tractors 1940
Ashland	14.2	57	4.6
Williams	14.2	31	7.1
Morrow	14.1	56	4.7
Fairfield	14.0	55	4.7
Delaware	13.7	45	5.6
Henry	13.4	15	8.6
Shelby	13.4	24	7.7
Wood	13.4	14	8.7
Licking	13.3	64	3.6
Clark	13.2	39	6.2
Jefferson	13.2	63	3.9
Auglaize	13.0	25	7.6
Putnam	13.0	34	6.9
Seneca	13.0	30	7.1
Scioto	12.9	65	3.5
Champaign	12.8	47	5.5
Defiance	12.8	28	7.2
Mercer	12.7	36	6.7
Logan	12.6	53	5.2
Muskingum	12.6	77	2.2
Perry	12.6	68	3.0
Athens	12.5	69	2.7
Clermont	12.6	60	4.1
Crawford	12.5	41	5.9
Washington	12.3	74	2.5
Greene	12.2	38	6.3
Van Wert	12.1	37	6.5
Union	12.0	51	5.3
Tuscarawas	11.9	67	3.1
Wyandot	11.9	52	5.3

Table 34. Number of Tractors per 1,000 Acres Total
Cropland, by Rank of Counties for 1940 and 1950
(Continued)

Rank for 1950	County	Number of Tractors 1950	Rank for 1940	Number of Tractors 1940
61	Hancock	11.8	32	7.0
62	Marion	11.7	42	5.9
63	Auglaize	15.1	24	10.4
64	Harrison	11.2	76	2.3
65	Knox	11.0	66	3.1
66	Morgan	11.0	84	1.4
67	Clinton	10.6	48	5.5
68	Hocking	10.5	80	2.0
69	Gallia	10.4	85	1.2
70	Hardin	10.2	49	5.5
71	Pickaway	9.9	54	5.1
72	Belmont	9.8	82	1.9
73	Ross	9.8	65	4.1
74	Highland	9.6	62	4.0
75	Holmes	9.5	73	2.5
76	Vinton	9.5	81	2.0
77	Coshocton	9.4	83	1.4
78	Guernsey	9.4	79	2.0
79	Paulding	9.3	40	6.2
80	Pike	9.3	72	2.6
81	Madison	9.2	59	4.3
82	Fayette	9.1	58	4.5
83	Lawrence	8.9	87	.9
84	Adams	8.7	78	2.1
85	Brown	8.0	71	2.6
86	Jackson	7.2	86	1.2
87	Monroe	7.2	21	7.8
88	Noble	5.7	88	.9

Table 35. Number of Tractors Per 1,000 Acres of
Cropland Harvested by Rank of Counties,
for 1940 and 1959

Rank for 1950	County	Number of Tractors 1950	Rank for 1940	Number of Tractors 1940
	State Total	17.7		9.2
1	Cuyahoga	73.5	1	32.1
2	Lake	57.3	2	24.5
3	Summit	42.1	3	17.7
4	Hamilton	36.1	4	17.6
5	Geauga	30.6	9	14.1
6	Trumbull	29.9	13	12.5
7	Portage	20.7	11	13.0
8	Lorain	27.8	7	14.7
9	Ashtabula	27.5	8	14.4
10	Mahoning	27.1	10	13.4
11	Stark	27.1	21	11.1
12	Columbiana	26.6	46	8.3
13	Meigs	25.5	70	5.7
14	Medina	25.2	16	12.0
15	Montgomery	25.0	5	16.3
16	Clermont	24.9	26	10.1
17	Jefferson	24.4	48	8.3
18	Lucas	24.0	6	15.6
19	Richland	23.3	50	8.2
20	Erie	21.5	15	12.1
21	Muskingum	21.3	71	5.7
22	Ottawa	21.3	12	12.9
23	Scioto	21.0	63	7.0
24	Butler	20.7	19	11.2
25	Perry	20.5	67	6.7
26	Athens	20.4	65	6.7
27	Warren	20.1	22	10.9
28	Washington	19.2	72	5.7
29	Darke	19.1	20	11.1
30	Franklin	19.1	14	12.3

Table 35. Number of Tractors Per 1,000 Acres of
Cropland Harvested by Rank of Counties,
for 1940 and 1950 (Continued)

Rank for 1950	County	Number of Tractors 1950	Rank for 1940	Number of Tractors 1940
31	Harrison	19.1	78	4.8
32	Tuscarawas	19.1	68	6.3
33	Fairfield	18.8	47	8.3
34	Allen	18.5	25	10.1
35	Miami	18.5	17	11.7
36	Hocking	18.4	79	4.5
37	Preble	18.4	18	11.5
38	Ashland	18.3	64	6.7
39	Licking	18.3	61	7.0
40	Huron	18.0	36	9.3
41	Vinton	18.0	76	4.9
42	Carroll	17.9	75	4.9
43	Wayne	17.8	59	7.6
44	Adams	17.4	74	5.3
45	Gallia	17.4	83	3.6
46	Lawrence	17.4	86	2.9
47	Sandusky	17.4	28	10.1
48	Belmont	17.1	80	4.3
49	Brown	17.1	51	8.0
50	Fulton	17.1	33	9.4
51	Delaware	17.0	38	9.1
52	Morrow	16.4	62	7.0
53	Clark	16.3	29	10.0
54	Guernsey	16.3	84	3.6
55	Williams	16.2	34	9.4
56	Greene	15.9	27	10.1
57	Coshocton	15.8	77	4.8
58	Highland	15.8	41	8.7
59	Shelby	15.6	23	10.5
60	Knox	15.5	69	5.7

Table 35. Number of Tractors Per 1,000 Acres of
Cropland Harvested by Rank of Counties,
for 1940 and 1950 (Continued)

Rank for 1950	County	Number of Tractors 1950	Rank for 1940	Number of Tractors 1940
61	Pike	15.4	73	5.5
62	Morgan	15.3	82	3.8
63	Auglaize	15.1	24	10.4
64	Champaign	15.1	44	8.4
65	Seneca	15.1	39	9.0
66	Clinton	15.0	30	9.9
67	Jackson	14.9	85	3.6
68	Putnam	14.7	40	8.8
69	Mercer	14.6	42	8.7
70	Crawford	14.5	53	7.8
71	Henry	14.5	31	9.9
72	Defiance	14.4	35	9.3
73	Logan	14.3	56	7.7
74	Union	14.2	45	8.4
75	Wood	14.2	32	9.8
76	Marion	13.9	49	8.3
77	Ross	13.9	57	7.7
78	Hancock	13.7	37	9.2
79	Wyandot	13.7	60	7.4
80	Pickaway	13.1	43	8.6
81	Van Wert	13.1	58	7.6
82	Monroe	12.8	88	2.3
83	Holmes	12.6	81	4.0
84	Fayette	12.0	55	7.7
85	Hardin	11.9	54	7.7
86	Noble	11.9	87	2.4
87	Madison	10.8	66	6.7
88	Paulding	10.5	52	7.9

Table 36. Number of Tractors, Exclusive of Garden Tractors, Per 1,000 Acres of Total Cropland and Per 1,000 Acres of Cropland Harvested by Rank of Counties for 1950

Rank Per Number of Tractors	County	Number of Tractors Per 1,000 Acres of Total Cropland	Rank Per Number of Tractors	Number of Tractors Per 1,000 Acres of Cropland Harvested
	State Total	12.1		15.7
1	Cuyahoga	30.0	1	48.3
2	Lake	27.0	2	42.7
3	Summit	21.1	3	31.4
4	Portage	19.1	4	26.6
5	Geauga	18.9	5	26.4
6	Lucas	18.6	17	20.4
7	Lorain	18.1	9	23.8
8	Medina	17.7	13	22.6
9	Ottawa	17.7	20	19.7
10	Mahoning	17.3	12	22.8
11	Stark	17.1	14	22.3
12	Hamilton	16.7	6	25.5
13	Trumbull	16.5	7	24.9
14	Ashtabula	16.4	8	24.6
15	Erie	16.4	21	19.2
16	Columbiana	16.3	11	22.8
17	Montgomery	16.3	15	21.0
18	Richland	15.2	19	19.9
19	Meigs	15.0	10	22.9
20	Darke	14.6	27	17.3

Table 36. Number of Tractors, Exclusive of Garden Tractors, Per 1,000
Acres of Total Cropland and Per 1,000 Acres of Cropland Harvested,
by Rank of Counties for 1950 (Continued)

Rank Per Number of Tractors	County	Number of Tractors Per 1,000 Acres of Total Cropland	Rank Per Number of Tractors	Number of Tractors Per 1,000 Acres of Cropland Harvested
21	Fulton	14.3	43	15.7
22	Sandusky	14.2	39	15.9
23	Wayne	14.0	41	15.8
24	Miami	13.8	37	16.2
25	Butler	13.6	24	17.7
26	Huron	13.5	44	15.7
27	Allen	13.4	47	15.5
28	Ashland	12.8	32	16.5
29	Warren	12.7	25	17.4
30	Preble	12.6	45	15.7
31	Williams	12.6	58	14.3
32	Henry	12.5	70	13.5
33	Morrow	12.5	54	14.6
34	Shelby	12.5	57	14.5
35	Wood	12.4	73	13.1
36	Auglaize	12.3	59	14.2
37	Putnam	12.3	64	13.9
38	Delaware	12.0	51	14.9
39	Seneca	12.0	61	14.0
40	Fairfield	11.9	38	16.0
41	Mercer	11.8	71	13.5
42	Champaign	11.6	67	13.6
43	Defiance	11.6	74	13.0
44	Franklin	11.5	52	14.9

Table 36. Number of Tractors, Exclusive of Garden Tractors, Per 1,000 Acres of Total Cropland and Per 1,000 Acres of Cropland Harvested, by Rank of Counties for 1950 (Continued)

Rank Per Number of Tractors	County	Number of Tractors Per 1,000 Acres of Total Cropland	Rank Per Number of Tractors	Number of Tractors Per 1,000 Acres of Cropland Harvested
45	Licking	11.5	40	15.8
46	Logan	11.4	69	13.6
47	Wyandot	11.4	76	13.0
48	Clark	11.3	60	14.0
49	Crawford	11.3	72	13.1
50	Scioto	11.3	23	18.4
51	Hancock	11.0	76	12.7
52	Jefferson	11.0	18	20.3
53	Van Wert	11.0	84	11.0
54	Muskingum	10.9	22	18.5
55	Greene	10.7	62	13.9
56	Union	10.7	78	12.7
57	Marion	10.5	79	12.5
58	Washington	10.5	34	16.4
59	Clermont	10.3	16	20.4
60	Tuscarawas	10.3	33	16.5
61	Athens	10.2	29	16.7
62	Carroll	10.2	35	16.2
63	Harrison	10.2	26	17.3
64	Perry	10.2	30	16.6
65	Morgan	9.8	66	13.7
66	Knox	9.7	65	13.7
67	Clinton	9.6	68	13.6
68	Hardin	9.6	83	11.2

Table 36. Number of Tractors, Exclusive of Garden Tractors, Per 1,000 Acres of Total Cropland and Per 1,000 Acres of Cropland Harvested, by Rank of Counties for 1950 (Continued)

Rank Per Number of Tractors	County	Number of Tractors Per 1,000 Acres of Total Cropland	Rank Per Number of Tractors	Number of Tractors Per 1,000 Acres of Cropland Harvested
69	Gallia	9.1	49	15.3
70	Holmes	9.1	81	12.1
71	Hocking	9.1	36	16.2
72	Pickaway	9.1	80	12.2
73	Pike	9.1	50	15.1
74	Ross	9.1	75	13.0
75	Belmont	8.9	46	15.6
76	Guernsey	8.9	48	15.4
77	Vinton	8.9	28	16.8
78	Coshocton	8.8	53	14.7
79	Highland	8.8	55	14.5
80	Paulding	8.8	88	9.9
81	Madison	8.6	87	10.1
82	Fayette	8.3	85	10.9
83	Adams	8.2	31	16.5
84	Lawrence	7.5	56	14.5
85	Brown	7.4	42	15.7
86	Jackson	6.7	63	13.9
87	Monroe	6.7	82	12.0
88	Noble	5.2	86	10.9

Table 37. Number of Trucks Per 1,000 Acres for
Cropland Harvested, by Rank of Counties
for 1940 - 1950

Rank for 1950	County	Number of Trucks for 1950	Rank for 1940	Number of Trucks for 1940
	State Total	6.3		3.6
1	Cuyahoga	44.3	1	28.0
2	Lake	30.1	3	19.5
3	Lawrence	28.6	4	14.3
4	Hamilton	22.7	2	22.1
5	Jefferson	20.9	8	9.8
6	Summit	18.8	6	12.0
7	Meigs	18.2	15	7.1
8	Gallia	15.1	23	6.1
9	Vinton	14.3	27	5.8
10	Washington	13.2	19	6.5
11	Scioto	13.0	10	8.3
12	Athens	12.9	18	6.6
13	Columbiana	12.9	17	6.9
14	Stark	12.5	16	7.0
15	Guernsey	12.4	44	3.5
16	Portage	12.3	21	6.2
17	Mahoning	11.9	11	7.9
18	Ashtabula	11.8	25	5.9
19	Harrison	11.8	34	4.6
20	Lorain	11.5	14	7.1
21	Belmont	11.4	13	7.2
22	Monroe	11.2	40	3.9
23	Geauga	11.1	9	8.4
24	Jackson	10.9	28	5.7
25	Erie	10.7	12	7.3
26	Lucas	10.7	7	10.9
27	Hocking	10.6	30	5.2
28	Tuscarawas	10.6	29	5.7
29	Muskingum	10.0	33	4.9
30	Trumbull	10.0	22	6.2

Table 37. Number of Trucks Per 1,000 Acres For
Cropland Harvested, by Rank of Counties
for 1940 - 1950 (Continued)

Rank for 1950	County	Number of Trucks for 1950	Rank for 1940	Number of Trucks for 1940
31	Pike	9.4	41	3.9
32	Carroll	9.1	36	4.3
33	Morgan	9.1	45	3.4
34	Clermont	8.7	24	6.0
35	Montgomery	8.4	20	6.3
36	Noble	8.2	55	2.9
37	Medina	8.0	35	4.5
38	Ottawa	7.9	31	5.2
39	Perry	7.8	38	4.0
40	Adams	7.6	54	2.9
41	Cosnocton	7.6	42	3.8
42	Butler	7.5	32	5.1
43	Wayne	6.7	50	3.3
44	Huron	6.6	63	2.2
45	Ross	6.6	39	4.0
46	Miami	6.5	43	3.8
47	Fairfield	6.4	46	3.3
48	Franklin	6.4	26	5.9
49	Clark	6.2	37	4.3
50	Licking	6.2	51	3.1
51	Ashland	5.9	65	2.0
52	Richland	5.9	62	2.3
53	Brown	5.7	59	2.3
54	Warren	5.5	53	3.0
55	Champaign	5.4	64	2.1
56	Greene	5.4	47	3.3
57	Preble	5.4	61	2.3
58	Highland	5.3	72	1.8
59	Knox	5.2	49	2.8
60	Sandusky	5.2	49	3.3

Table 37. Number of Trucks Per 1,000 Acres for
Cropland Harvested, by Rank of Counties
for 1940 - 1959 (Continued)

Rank for 1950	County	Number of Trucks for 1950	Rank for 1940	Number of Trucks for 1940
61	Clinton	5.0	66	2.0
62	Pickaway	4.9	48	3.3
63	Delaware	4.5	58	2.4
64	Fulton	4.5	69	1.9
65	Darke	4.3	75	1.6
66	Holmes	4.2	73	1.8
67	Wood	4.2	52	3.2
68	Fayette	4.0	60	2.3
69	Defiance	3.9	79	1.4
70	Seneca	3.9	67	2.0
71	Wyandot	3.9	74	1.7
72	Logan	3.8	77	1.5
73	Union	3.7	68	2.0
74	Madison	3.6	57	2.5
75	Morrow	3.6	85	1.2
76	Allen	3.4	76	1.5
77	Henry	3.4	71	1.8
78	Shelby	3.4	83	1.3
79	Crawford	3.3	78	1.4
80	Hancock	3.2	81	1.3
81	Marion	3.2	70	1.9
82	Hardin	2.8	82	1.3
83	Auglaize	2.7	84	1.2
84	Williams	2.6	5	12.3
85	Mercer	2.3	88	.7
86	Paulding	2.1	80	1.4
87	Van Wert	2.1	86	1.1
88	Putnam	2.0	87	.9

Table 38. Number of Trucks Per 1,000 Acres Total
Cropland, By Rank of Counties for 1940 and 1950

Rank for 1950	County	Number of Trucks for 1950	Rank for 1940	Number of Trucks for 1940
	State Total	4.8		2.2
1	Cuyahoga	27.7	1	15.5
2	Lake	19.1	2	11.8
3	Hamilton	14.9	3	11.6
4	Lawrence	14.7	11	4.6
5	Summit	12.7	5	7.6
6	Meigs	11.9	23	3.0
7	Jefferson	11.3	10	4.6
8	Lucas	9.7	4	9.4
9	Stark	9.6	12	4.6
10	Columbiana	9.2	13	4.5
11	Erie	9.1	7	5.6
12	Gallia	9.0	40	2.0
13	Mahoning	9.0	8	5.2
14	Portage	8.9	17	4.1
15	Lorain	8.8	9	4.3
16	Washington	8.4	24	2.9
17	Scioto	8.0	15	4.2
18	Ashtabula	7.9	18	3.7
19	Geauga	7.9	6	5.8
20	Athens	7.8	29	2.7
21	Vinton	7.6	36	2.3
22	Guernsey	7.1	60	1.4
23	Ottawa	7.1	14	4.5
24	Harrison	6.9	37	2.2
25	Tuscarawas	6.7	27	2.8
26	Trumbull	6.6	20	3.5
27	Belmont	6.5	25	2.8
28	Montgomery	6.5	16	4.1
29	Morgan	6.5	68	1.2
30	Medina	6.3	22	3.3

Table 38. Number of Trucks Per 1,000 Acres Total
Cropland, by Rank of Counties for 1940 and 1950
(Continued)

Rank for 1950	County	Number of Trucks for 1950	Rank for 1940	Number of Trucks for 1940
31	Monroe	6.3	64	1.3
32	Hocking	6.0	35	2.3
33	Wayne	6.0	32	2.6
34	Muskingum	5.9	43	1.9
35	Butler	5.8	21	3.4
36	Carroll	5.7	33	2.4
37	Huron	5.7	48	1.6
38	Pike	5.6	46	1.8
39	Miami	5.5	31	2.7
40	Jackson	5.3	42	1.9
41	Clark	5.0	30	2.7
42	Franklin	5.0	19	3.6
43	Fairfield	4.8	44	1.8
44	Perry	4.8	45	1.8
45	Ross	4.7	38	2.2
46	Ashland	4.6	59	1.4
47	Champaign	4.6	61	1.4
48	Sandusky	4.6	26	2.8
49	Coshocton	4.5	47	1.6
50	Licking	4.5	49	1.6
51	Richland	4.5	51	1.6
52	Clermont	4.3	34	2.4
53	Preble	4.3	58	1.5
54	Fulton	4.1	55	1.5
55	Greene	4.1	39	2.1
56	Warren	4.0	53	1.6
57	Wood	4.0	28	2.8
58	Noble	3.9	78	1.0
59	Adams	3.8	66	1.2
60	Knox	3.7	57	1.5

Table 38. Number of Trucks Per 1,000 Acres Total
Cropland, by Rank of Counties for 1940 and 1950
(Continued)

Rank for 1950	County	Number of Trucks for 1950	Rank for 1940	Number of Trucks for 1940
61	Clinton	3.6	71	1.1
62	Darke	3.6	67	1.2
63	Delaware	3.6	54	1.5
64	Pickaway	3.6	41	2.0
65	Defiance	3.5	73	1.1
66	Wyandot	3.4	69	1.2
67	Highland	3.3	85	0.8
68	Logan	3.3	77	1.0
69	Seneca	3.3	52	1.6
70	Henry	3.1	56	1.5
71	Holmes	3.1	75	1.1
72	Fayette	3.1	62	1.3
73	Madison	3.1	50	1.6
74	Morrow	3.1	86	0.8
75	Union	3.1	65	1.3
76	Allen	2.9	70	1.1
77	Shelby	2.9	79	1.0
78	Crawford	2.8	72	1.1
79	Hancock	2.8	73	1.0
80	Marion	2.7	63	1.3
81	Brown	2.6	84	0.8
82	Hardin	2.4	81	0.9
83	Auglaize	2.3	80	0.9
84	Williams	2.3	83	0.9
85	Mercer	2.0	88	0.6
86	Paulding	1.9	76	1.1
87	Van Wert	1.9	82	0.9
88	Putnam	1.7	87	0.7

IV. AGRICULTURE

Table 39. Per Cent of Farms that are Commercial Farms,
by Rank of Counties for 1954 and 1950*

Rank by County 1954	Per Cent 1954	Rank 1950	Per Cent 1950
State Total	69.7		67.4
1. Hancock	92.8	4	89.6
2. Van Wert	91.4	2	90.9
3. Wyandot	91.3	14	86.3
4. Hardin	91.1	5	88.9
5. Putnam	90.9	3	90.1
6. Auglaize	90.6	17	85.0
7. Henry	90.5	1	91.0
8. Mercer	89.9	6	88.6
9. Seneca	89.4	9	87.1
10. Paulding	89.3	8	88.0
11. Wood	88.6	13	86.3
12. Shelby	88.0	16	85.3
13. Pickaway	87.8	17	85.0
14. Fulton	87.4	11	86.7
15. Williams	87.4	10	87.0
16. Clinton	86.0	24	81.7
17. Madison	86.0	7	88.4
18. Crawford	85.9	23	82.9
19. Defiance	85.9	15	85.8
20. Darke	85.7	20	84.0
21. Sandusky	85.1	21	83.9
22. Union	84.9	22	83.6
23. Fayette	84.5	12	86.3
24. Adams	84.1	35	75.7
25. Marion	83.3	19	84.8
26. Holmes	83.1	25	81.5
27. Wayne	81.7	28	79.8
28. Huron	81.6	34	76.1
29. Miami	80.6	33	76.4
30. Preble	80.6	29	79.1

Table 39. Per Cent of Farms that are Commercial Farms,
by Rank of Counties for 1954 and 1950* (Continued)

Rank by County 1954	Per Cent 1954	Rank 1950	Per Cent 1950
31. Allen	80.3	37	74.7
32. Delaware	80.0	40	73.5
33. Highland	79.5	27	80.7
34. Champaign	78.5	30	79.0
35. Ottawa	78.2	32	77.6
36. Greene	78.0	36	75.6
37. Erie	77.2	46	69.0
38. Logan	77.0	31	73.5
39. Morrow	76.1	38	74.6
40. Knox	74.1	39	74.5
41. Brown	73.9	26	80.8
42. Coshocton	73.5	49	66.9
43. Fairfield	73.4	44	70.7
44. Richland	72.5	53	62.4
45. Ashland	71.9	41	72.5
46. Clark	71.9	42	71.3
47. Franklin	71.4	52	64.3
48. Licking	71.2	48	67.7
49. Warren	71.2	45	69.1
50. Montgomery	70.6	55	60.8
51. Butler	65.2	47	67.9
52. Medina	63.8	51	65.7
53. Stark	61.9	67	53.9
54. Monroe	60.6	66	53.9
55. Carroll	59.7	57	59.7
56. Morgan	59.6	54	60.9
57. Belmont	59.3	43	71.0
58. Lucas	59.2	58	57.2
59. Lorain	58.6	56	59.9
60. Ross	57.4	59	56.7

Table 39. Per Cent of Farms that are Commercial Farms,
by Rank of Counties for 1954 and 1950* (Continued)

Rank by County 1954	Per Cent 1954	Rank 1950	Per Cent 1950
61. Perry	56.9	71	52.2
62. Mahoning	56.5	68	53.2
63. Gallia	56.0	64	55.0
64. Noble	56.0	50	66.3
65. Clermont	55.3	70	72.4
66. Columbiana	55.1	65	54.5
67. Geauga	55.0	72	52.1
68. Washington	54.9	69	52.6
69. Muskingum	54.6	61	55.9
70. Guernsey	53.7	60	56.3
71. Harrison	53.3	63	55.4
72. Scioto	52.5	85	34.5
73. Portage	52.2	73	51.5
74. Ashtabula	51.7	74	50.4
75. Tuscarawas	51.7	62	55.7
76. Trumbull	50.3	78	44.6
77. Meigs	49.7	75	49.6
78. Hamilton	46.5	77	46.3
79. Hocking	43.6	82	41.8
80. Lake	41.8	83	41.4
81. Jackson	41.3	79	44.0
82. Jefferson	41.2	84	40.0
83. Athens	40.4	79	44.0
84. Pike	40.4	76	47.3
85. Cuyahoga	38.1	81	41.8
86. Lawrence	32.5	86	33.5
87. Summit	32.0	88	30.7
88. Vinton	30.5	87	32.8

*All farms with a value of sales of farm products amounting to
*1,200 or more were classified as commercial.

Table 40. Per Cent of Farms that are Class I, by
Rank of Counties for 1954 and 1950*

Rank by County 1954	Per Cent 1954	Rank 1950	Per Cent 1950
State Total	1.70		.89
1. Madison	9.42	1	6.25
2. Clinton	7.91	6	2.96
3. Cuyahoga	6.73	3	4.59
4. Fayette	5.80	5	3.67
5. Clark	5.78	2	4.75
6. Pickaway	5.32	4	4.40
7. Fulton	5.31	7	2.42
8. Greene	4.83	8	2.09
9. Lucas	4.23	10	1.86
10. Erie	3.80	53	.47
11. Wood	3.73	13	1.75
12. Marion	3.47	9	1.90
13. Champaign	3.46	11	1.84
14. Hamilton	3.39	16	1.64
15. Hardin	2.86	19	1.26
16. Wyandot	2.76	14	1.74
17. Henry	2.70	51	.53
18. Wayne	2.69	35	.85
19. Franklin	2.67	17	1.29
20. Crawford	2.42	42	.73
21. Ottawa	2.37	31	.92
22. Union	2.33	22	1.10
23. Sandusky	2.27	37	.80
24. Hancock	2.26	26	1.01
25. Huron	2.23	44	.72
26. Fairfield	2.22	50	.58
27. Defiance	2.21	60	.42
28. Delaware	2.17	36	.81
29. Licking	1.98	20	1.13
30. Montgomery	1.98	23	1.07

Table 40. Per Cent of Farms that are Class I, by
Rank of Counties for 1954 and 1950* (Continued)

Rank by County 1954	Per Cent 1954	Rank 1950	Per Cent 1950
31. Lorain	1.88	12	1.77
32. Putnam	1.85	72	.23
33. Logan	1.73	25	1.02
34. Scioto	1.70	45	.72
35. Lake	1.64	15	1.70
36. Preble	1.64	33	.89
37. Tuscarawas	1.62	38	.79
38. Ross	1.61	27	1.01
39. Miami	1.53	46	.67
40. Mercer	1.51	47	.63
41. Geauga	1.47	54	.47
42. Van Wert	1.41	65	.31
43. Allen	1.40	28	.98
44. Columbiana	1.38	24	1.06
45. Paulding	1.35	63	.33
46. Auglaize	1.32	68	.27
47. Seneca	1.31	40	.75
48. Butler	1.30	32	.89
49. Shelby	1.29	29	.97
50. Coshocton	1.21	21	1.11
51. Darke	1.17	41	.74
52. Vinton	1.12	88	0.00
53. Meigs	1.11	70	.26
54. Medina	1.08	30	.95
55. Lawrence	1.00	84	0.00
56. Jackson	.96	83	0.00
57. Highland	.95	69	.26
58. Summit	.95	71	.24
59. Pike	.90	48	.63
60. Warren	.88	18	1.28

Table 40. Per Cent of Farms that are Class I, by
Rank of Counties for 1954 and 1950* (Continued)

Rank by County 1954	Per Cent 1954	Rank 1950	Per Cent 1950
61. Knox	.85	39	.78
62. Richland	.83	58	.43
63. Muskingum	.81	49	.60
64. Williams	.77	64	.32
65. Noble	.64	86	0.00
66. Stark	.63	67	.28
67. Ashtabula	.61	34	.88
68. Portage	.60	57	.44
69. Belmont	.56	62	.33
70. Holmes	.56	75	.05
71. Morrow	.47	56	.45
72. Trumbull	.44	58	.43
73. Jefferson	.39	74	.07
74. Perry	.38	87	0.00
75. Ashland	.30	43	.72
76. Monroe	.28	55	.45
77. Mahoning	.26	61	.35
78. Clermont	.24	78	.03
79. Gallia	.24	76	.04
80. Harrison	.21	73	.08
81. Adams	.04	79	0.00
82. Brown	.04	81	0.00
83. Athens	0.00	80	0.00
84. Carroll	0.00	66	.30
85. Guernsey	0.00	77	.04
86. Hocking	0.00	82	0.00
87. Morgan	0.00	85	0.00
88. Washington	0.00	52	.51

*Farms with value of farm products sold \$25,000 or more.

Table 41. Per Cent of Farms that are Other than Commercial Farms,
by Rank of Counties for 1954 and 1950*

Rank by County 1954	Per Cent 1954	Rank 1950	Per Cent 1950
State Total	30.28		32.56
1. Vinton	69.43	2	67.11
2. Summit	68.00	1	69.26
3. Lawrence	67.43	3	66.45
4. Cuyahoga	61.88	7	58.15
5. Athens	59.57	10	55.95
6. Pike	59.53	13	52.61
7. Jefferson	58.75	5	59.93
8. Jackson	58.62	9	55.98
9. Lake	58.18	6	58.57
10. Hocking	56.30	8	58.12
11. Hamilton	53.43	12	53.68
12. Meigs	50.28	14	50.34
13. Trumbull	49.61	11	55.34
14. Tuscarawas	48.28	28	44.29
15. Ashtabula	48.24	15	49.52
16. Portage	47.73	16	48.43
17. Scioto	47.42	4	65.40
18. Harrison	46.67	27	44.58
19. Guernsey	46.21	30	43.61
20. Muskingum	45.37	29	44.10
21. Washington	45.08	21	47.37
22. Geauga	44.92	18	47.83
23. Columbiana	44.89	25	45.44
24. Clermont	44.65	20	47.56
25. Gallia	44.00	26	44.99
26. Noble	43.99	40	33.63
27. Mahoning	43.44	22	46.75
28. Perry	43.06	19	47.71
29. Ross	42.52	31	43.21
30. Lorain	41.38	34	40.03

Table 41. Per Cent of Farms that are Other than Commercial
Farms, by Rank of Counties for 1954 and 1950* (Continued)

Rank by County 1954	Per Cent 1954	Rank 1950	Per Cent 1950
31. Lucas	40.77	32	42.75
32. Belmont	40.70	17	48.10
33. Morgan	40.36	36	39.06
34. Carroll	40.30	33	40.30
35. Monroe	39.37	24	46.02
36. Stark	38.03	23	46.08
37. Medina	36.16	39	34.25
38. Butler	34.71	43	32.05
39. Montgomery	29.31	35	39.15
40. Licking	28.76	42	32.25
41. Warren	28.73	45	30.81
42. Franklin	28.54	38	35.67
43. Ashland	28.09	48	27.42
44. Clark	28.03	47	28.66
45. Richland	27.47	37	37.51
46. Fairfield	26.60	46	29.30
47. Coshocton	26.48	41	33.08
48. Brown	26.08	63	19.16
49. Knox	25.88	50	25.44
50. Morrow	23.89	51	25.39
51. Logan	22.97	58	21.48
52. Erie	22.78	44	30.97
53. Greene	21.94	53	24.40
54. Ottawa	21.74	57	22.40
55. Champaign	21.47	59	20.91
56. Highland	20.42	62	19.27
57. Delaware	20.00	49	26.46
58. Preble	19.93	60	20.84
59. Allen	19.67	52	25.23
60. Miami	19.35	56	23.59

Table 41. Per Cent of Farms that are Other than Commercial
Farms, by Rank of Counties for 1954 and 1950* (Continued)

Rank by County 1954	Per Cent 1954	Rank 1950	Per Cent 1950
61. Huron	18.36	55	23.84
62. Wayne	18.26	61	20.19
63. Holmes	16.85	64	18.47
64. Marion	16.69	70	15.16
65. Adams	15.82	54	24.26
66. Fayette	15.40	75	13.66
67. Union	15.09	67	16.40
68. Sandusky	14.86	68	16.06
69. Darke	14.21	69	15.97
70. Crawford	14.06	66	17.08
71. Defiance	14.00	74	14.16
72. Madison	13.92	82	11.53
73. Clinton	13.91	65	18.28
74. Williams	12.56	79	12.92
75. Fulton	12.53	78	13.27
76. Pickaway	12.12	72	14.91
77. Shelby	11.91	73	14.67
78. Wood	11.32	76	13.65
79. Paulding	10.70	81	11.99
80. Seneca	10.50	80	12.88
81. Mercer	10.06	83	11.35
82. Henry	9.42	88	8.92
83. Auglaize	9.39	71	14.98
84. Putnam	9.05	86	9.88
85. Hardin	8.85	84	11.06
86. Wyandot	8.62	77	13.65
87. Van Wert	8.53	87	9.06
88. Hancock	7.18	85	10.37

*Other than commercial farms are: (a) part-time, (b) residential,
and (c) abnormal farms.

Table 42. Per Cent of Farms That Are Part-Time
Farms, by Rank of Counties for 1954 and 1950*

Rank by County 1954	Per Cent 1954	Rank 1950	Per Cent 1950
State Total	13.86		14.09
1. Hocking	28.87	3	23.28
2. Lawrence	23.48	4	22.78
3. Morgan	22.96	30	17.89
4. Clermont	22.92	8	20.31
5. Mahoning	22.88	10	19.60
6. Trumbull	22.86	19	19.07
7. Jackson	22.74	38	15.87
8. Gallia	22.36	21	17.96
9. Lorain	21.61	26	18.12
10. Guernsey	21.41	37	16.33
11. Summit	21.08	11	17.60
12. Carroll	20.95	9	21.07
13. Lake	20.87	22	18.68
14. Perry	20.36	2	23.57
15. Noble	20.23	57	11.80
16. Tuscarawas	20.20	24	18.37
17. Vinton	20.16	13	17.47
18. Cuyahoga	19.73	1	25.68
19. Scioto	19.66	20	17.01
20. Ashtabula	19.54	29	17.93
21. Portage	19.47	6	21.84
22. Lucas	19.23	33	17.04
23. Meigs	19.17	5	22.58
24. Athens	19.02	25	18.32
25. Monroe	18.97	18	17.12
26. Muskingum	18.63	43	14.70
27. Medina	18.08	32	17.12
28. Washington	18.03	12	19.56
29. Columbiana	17.78	23	18.43
30. Belmont	17.69	39	15.59

Table 42. Per Cent of Farms That Are Part-Time
Farms, by Rank of Counties for 1954 and 1950*
(Continued)

Rank by County 1954	Per Cent 1954	Rank 1950	Per Cent 1950
31. Harrison	17.44	17	19.14
32. Jefferson	17.35	15	19.39
33. Stark	17.34	27	18.01
34. Hamilton	16.95	34	16.60
35. Ashland	16.45	49	12.97
36. Pike	15.83	7	20.88
37. Brown	15.51	63	9.75
38. Butler	15.40	40	15.26
39. Geauga	14.97	28	18.00
40. Licking	14.46	31	17.65
41. Warren	13.92	54	12.12
42. Clark	13.87	53	12.20
43. Franklin	13.80	36	16.40
44. Knox	13.41	48	13.03
45. Preble	13.08	59	11.22
46. Coshocton	12.95	50	12.83
47. Montgomery	12.81	14	19.42
48. Logan	12.66	58	11.22
49. Morrow	12.65	41	15.17
50. Allen	12.65	47	13.16
51. Fairfield	12.49	35	16.50
52. Huron	11.91	52	12.28
53. Champaign	11.71	62	10.93
54. Miami	11.70	55	11.91
55. Richland	11.43	16	19.15
56. Ross	11.24	46	13.58
57. Delaware	11.08	44	13.72
58. Adams	10.98	60	11.11
59. Ottawa	10.67	45	13.69
60. Sandusky	10.33	65	9.67

Table 42. Per Cent of Farms That Are Part-Time
Farms, by Rank of Counties for 1954 and 1950*
(Continued)

Rank by County 1954	Per Cent 1954	Rank 1950	Per Cent 1950
61. Wayne	10.33	61	11.04
62. Erie	10.13	42	14.86
63. Highland	9.83	56	11.88
64. Defiance	9.42	72	8.99
65. Marion	9.39	85	5.56
66. Williams	8.72	74	8.71
67. Darke	8.47	66	9.61
68. Crawford	8.44	73	8.83
69. Holmes	8.42	64	9.71
70. Madison	7.92	79	7.14
71. Fulton	7.86	81	5.81
72. Greene	7.58	51	12.33
73. Clinton	7.11	68	9.41
74. Pickaway	7.11	84	5.60
75. Seneca	6.78	76	7.73
76. Henry	6.76	88	4.57
77. Mercer	6.71	68	7.39
78. Union	6.55	71	9.20
79. Wood	6.44	77	7.47
80. Fayette	6.09	80	6.46
81. Hardin	5.99	82	5.80
82. Auglaize	5.83	67	9.57
83. Shelby	5.18	69	9.23
84. Wyandot	5.17	75	7.98
85. Putnam	5.14	87	4.77
86. Van Wert	4.80	86	4.87
87. Hancock	4.57	83	5.70
88. Paulding	4.36	70	9.21

* Farms with farm products sold of \$250 to \$1,199 were part-time if the operator (a) worked 100 or more days off the farm in 1954, or (b) non-farm income by him and his family was greater than farm products sold.

Table 43. Percentage of Tenancy, by Rank of Counties for 1954

Rank by County 1954	Per Cent 1954	Rank by County 1954	Per Cent 1954
State Total	16.6		
1. Fayette	38.0	33. Butler	19.8
2. Madison	37.6	34. Ross	18.8
3. Pickaway	36.9	35. Wayne	18.3
4. Henry	36.2	36. Warren	17.6
5. Seneca	32.4	37. Ottawa	17.3
6. Clinton	31.7	38. Fairfield	17.1
7. Greene	30.7	39. Adams	17.0
8. Champaign	29.6	40. Franklin	16.9
9. Miami	29.6	41. Montgomery	15.9
10. Wood	29.6	42. Erie	15.8
11. Van Wert	28.9	43. Holmes	15.7
12. Hancock	28.3	44. Brown	15.6
13. Hardin	27.9	45. Huron	14.4
14. Paulding	27.3	46. Knox	13.9
15. Putnam	26.9	47. Delaware	13.3
16. Darke	26.8	48. Licking	13.3
17. Sandusky	26.5	49. Lucas	13.2
18. Williams	25.8	50. Ashland	11.6
19. Wyandot	25.8	51. Morrow	11.2
20. Preble	24.6	52. Hamilton	11.0
21. Marion	23.9	53. Perry	10.9
22. Shelby	23.9	54. Richland	10.7
23. Auglaize	22.8	55. Hocking	10.5
24. Highland	22.4	56. Morgan	9.9
25. Defiance	22.1	57. Clermont	9.6
26. Logan	22.0	58. Noble	9.5
27. Clark	21.9	59. Pike	9.5
28. Allen	21.2	60. Tuscarawas	9.2
29. Crawford	20.4	61. Muskingum	9.1
30. Fulton	20.0	62. Coshocton	9.0
31. Union	20.0	63. Lorain	9.0
32. Mercer	19.9	64. Lawrence	8.9

Table 43. Percentage of Tenancy, by Rank of
Counties for 1954 (Continued)

Rank by County 1954	Per Cent 1954	Rank by County 1954	Per Cent 1954
65. Belmont	8.7	77. Vinton	6.3
66. Gallia	8.7	78. Mahoning	6.2
67. Geauga	8.7	79. Columbiana	5.9
68. Harrison	8.7	80. Summit	5.9
69. Medina	8.6	81. Jefferson	5.8
70. Athens	8.4	82. Portage	5.5
71. Monroe	7.8	83. Carroll	5.2
72. Washington	7.3	84. Lake	5.2
73. Stark	7.2	85. Jackson	5.1
74. Guernsey	7.1	86. Trumbull	4.5
75. Meigs	7.1	87. Cuyahoga	4.4
76. Scioto	7.1	88. Ashtabula	3.9

Table 44. Per Cent of Farm Operators Working Off
Their Farms, by Rank of Counties for
1950 and 1954

Rank by County 1954	Per Cent 1954	Rank 1950	Per Cent 1950
State Total	51.5		44.4
1. Summit	78.1	1	67.7
2. Lawrence	69.8	12	55.6
3. Portage	69.2	9	57.6
4. Tuscarawas	67.2	14	54.7
5. Vinton	66.7	6	57.8
6. Trumbull	66.3	2	62.6
7. Muskingum	66.0	26	50.0
8. Lake	64.5	7	57.7
9. Geauga	63.3	13	55.1
10. Mahoning	63.2	8	57.7
11. Jackson	62.7	24	51.1
12. Hocking	62.6	3	60.4
13. Lorain	62.4	21	52.4
14. Lucas	62.0	19	52.6
15. Monroe	61.7	34	46.5
16. Noble	61.4	54	41.6
17. Ashtabula	60.1	15	54.5
18. Fairfield	59.3	46	43.9
19. Cuyahoga	58.9	11	55.8
20. Meigs	58.9	30	48.6
21. Morgan	58.9	37	46.2
22. Clermont	57.2	20	52.6
23. Pike	57.0	32	47.1
24. Clark	56.9	48	43.4
25. Montgomery	56.5	18	52.7
26. Jefferson	56.3	5	58.8
27. Washington	56.3	31	47.4
28. Scioto	56.0	10	57.6
29. Stark	56.0	4	59.4
30. Butler	55.9	36	46.3

Table 44. Per Cent of Farm Operators Working Off
Their Farms, by Rank of Counties for
1950 and 1954 (Continued)

Rank by County 1954	Per Cent 1954	Rank 1950	Per Cent 1950
31. Morrow	55.1	47	43.5
32. Franklin	55.0	44	44.6
33. Medina	55.0	28	49.2
34. Carroll	54.9	29	48.9
35. Columbiana	54.7	16	54.0
36. Ashland	53.7	35	46.3
37. Richland	53.6	22	52.3
38. Miami	52.4	49	43.1
39. Belmont	52.1	42	44.8
40. Warren	51.7	41	44.9
41. Huron	50.8	53	41.6
42. Athens	50.5	17	53.2
43. Preble	50.5	56	40.7
44. Fulton	49.9	64	36.6
45. Allen	49.8	50	42.3
46. Guernsey	49.7	39	45.7
47. Perry	49.7	25	50.8
48. Knox	49.6	45	44.4
49. Logan	49.6	59	39.2
50. Ross	49.4	40	45.7
51. Defiance	49.3	65	36.5
52. Wayne	49.3	57	40.5
53. Licking	49.1	38	45.8
54. Sandusky	49.1	61	38.1
55. Greene	49.0	66	36.3
56. Harrison	48.8	23	51.9
57. Crawford	48.4	87	28.1
58. Ottawa	48.4	43	44.7
59. Williams	48.4	63	37.4
60. Gallia	47.9	52	41.6

Table 44. Per Cent of Farm Operators Working Off
Their Farms, by Rank of Counties for
1950 and 1954 (Continued)

Rank by County 1954	Per Cent 1954	Rank 1950	Per Cent 1950
61. Coshocton	47.4	33	46.9
62. Darke	47.4	62	37.7
63. Erie	46.9	51	41.9
64. Hamilton	46.7	27	49.4
65. Shelby	46.2	67	36.0
66. Seneca	45.4	80	32.2
67. Delaware	45.2	55	41.2
68. Champaign	43.9	58	39.3
69. Brown	43.4	83	31.1
70. Holmes	42.8	70	35.5
71. Auglaize	42.7	69	35.6
72. Union	42.2	73	34.5
73. Marion	42.0	72	34.8
74. Henry	41.5	85	29.6
75. Wood	40.9	74	34.4
76. Highland	39.9	75	33.8
77. Hancock	39.6	77	33.0
78. Mercer	39.1	71	35.0
79. Paulding	38.3	60	38.1
80. Clinton	38.2	68	35.7
81. Adams	37.8	76	33.4
82. Madison	37.7	84	31.1
83. Hardin	37.2	82	31.6
84. Van Wert	35.2	81	32.0
85. Putnam	34.6	86	28.4
86. Pickaway	34.5	78	33.0
87. Wyandot	34.3	79	32.7
88. Fayette	31.6	88	27.3

Explanation of Employment Potential Index

The Index of Employment Potential was developed by relating rankings of proportions of farmers that were considered full-time (that is, the counties with the lowest proportion of part-time) and average values of products sold per farm. It was expected that where value of products sold was low and proportion of full-time farmers was high that this would indicate an area where more employment off the farm could reasonably occur. Thus, it was reasoned that those counties with the widest difference between these rankings in the negative direction (i.e., when subtracting rank of value of products sold from rank of proportion of full-time farmers) that this low score would indicate degree of under employment by farm people.

A high index score indicates a high degree of use of manpower. The device appears to be indication of the norms expressed at the extremes, but not definitive between. Its usefulness would appear to be related to the lower end of the scoring index.

Table 45. Per Cent of Farm Operators Working 100
or More Days Off Their Farms, by Rank of
Counties for 1954*

Rank by County 1954	Per Cent 1954	Rank by County 1954	Per Cent 1954
State Total	37.1		
1. Summit	72.2	33. Warren	41.0
2. Portage	60.4	34. Morgan	40.5
3. Lake	58.4	35. Clark	40.1
4. Trumbull	57.8	36. Morrow	40.0
5. Lawrence	56.2	37. Fairfield	39.5
6. Tuscarawas	53.8	38. Perry	38.9
7. Cuyahoga	53.7	39. Huron	38.7
8. Mahoning	53.4	40. Ashland	38.3
9. Lorain	53.1	41. Athens	38.3
10. Lucas	51.6	42. Licking	37.8
11. Geauga	50.2	43. Ottawa	37.7
12. Vinton	49.2	44. Belmont	37.3
13. Muskingum	48.9	45. Knox	37.1
14. Ashtabula	48.2	46. Ross	36.7
15. Medina	47.8	47. Miami	35.7
16. Jackson	47.6	48. Gallia	35.2
17. Clermont	47.4	49. Guernsey	35.1
18. Hocking	47.4	50. Preble	34.5
19. Stark	47.1	51. Harrison	34.4
20. Columbiana	47.0	52. Erie	34.3
21. Jefferson	46.8	53. Coshocton	33.6
22. Pike	46.3	54. Allen	33.3
23. Carroll	45.9	55. Monroe	33.3
24. Franklin	43.8	56. Logan	32.3
25. Butler	43.7	57. Delaware	32.2
26. Montgomery	43.5	58. Sandusky	30.9
27. Noble	43.2	59. Defiance	30.7
28. Richland	42.8	60. Wayne	30.7
29. Scioto	42.0	61. Fulton	29.5
30. Hamilton	41.6	62. Greene	29.1
31. Meigs	41.5	63. Williams	28.8
32. Washington	41.1	64. Crawford	28.4

Table 45. Per Cent of Farm Operators Working 100
or More Days Off their Farms, by Rank of
Counties for 1954* (Continued)

Rank by County 1954	Per Cent 1954	Rank by County 1954	Per Cent 1954
65. Darke	27.9	77. Clinton	23.8
66. Champaign	27.8	78. Mercer	23.4
67. Shelby	27.7	79. Henry	23.1
68. Seneca	27.5	80. Hancock	22.9
69. Holmes	26.9	81. Pickaway	20.8
70. Marion	26.5	82. Wyandot	19.9
71. Highland	26.2	83. Putnam	18.0
72. Brown	25.9	84. Adams	17.8
73. Union	25.9	85. Hardin	17.5
74. Wood	25.1	86. Fayette	17.4
75. Auglaize	24.9	87. Madison	16.4
76. Paulding	24.3	88. Van Wert	14.1

*For the same table for 1940 and 1950, see Agricultural Economics
Mimeograph AD - 248.

Table 46. Per Cent of Farm Operators With Off-Farm
Income of the Family Exceeding Value of Farm
Products Sold, by Rank of Counties for
1954 and 1950

Rank by County 1954	Per Cent 1954	Rank 1950	Per Cent 1950
State Total	33.9		32.9
1. Lawrence	65.8	1	65.3
2. Summit	65.5	2	62.0
3. Trumbull	63.6	4	56.7
4. Jackson	57.1	17	45.0
5. Pike	55.8	13	47.9
6. Lake	55.1	9	50.7
7. Muskingum	54.5	30	40.8
8. Mahoning	53.4	18	44.7
9. Jefferson	52.7	6	54.6
10. Tuscarawas	51.9	25	42.6
11. Portage	51.5	10	50.7
12. Noble	51.1	48	29.1
13. Hocking	50.6	3	57.6
14. Lorain	50.1	33	38.8
15. Meigs	49.8	21	43.4
16. Cuyahoga	49.7	11	49.2
17. Athens	48.4	8	50.7
18. Carroll	46.5	36	37.9
19. Ashtabula	44.8	16	45.7
20. Vinton	44.7	7	54.2
21. Geauga	44.6	19	44.5
22. Columbiana	44.4	27	41.8
23. Medina	44.1	35	38.3
24. Hamilton	43.5	14	46.5
25. Clermont	43.2	15	45.8
26. Morgan	42.9	37	37.7
27. Guernsey	42.8	32	40.0
28. Butler	42.2	39	34.9
29. Stark	42.0	28	41.2
30. Perry	39.9	12	48.6

Table 46. Per Cent of Farm Operators With Off-Farm
Income of the Family Exceeding Value of Farm
Products Sold, by Rank of Counties for
1954 and 1950 (Continued)

Rank by County 1954	Per Cent 1954	Rank 1950	Per Cent 1950
31. Washington	39.5	26	42.5
32. Scioto	38.6	5	55.3
33. Franklin	37.1	44	32.4
34. Montgomery	37.1	29	40.8
35. Clark	36.9	52	28.7
36. Belmont	36.8	20	44.3
37. Monroe	35.9	24	42.6
38. Morrow	35.4	50	28.8
39. Warren	35.4	41	33.4
40. Gallia	35.2	34	38.6
41. Lucas	34.3	22	43.1
42. Harrison	33.7	23	42.8
43. Ross	33.3	31	40.2
44. Ashland	33.2	42	33.3
45. Huron	32.9	53	28.5
46. Licking	32.4	43	33.1
47. Wayne	31.3	61	22.5
48. Richland	31.1	38	36.6
49. Delaware	30.8	46	30.6
50. Erie	30.8	49	28.9
51. Greene	30.5	57	26.4
52. Ottawa	29.8	55	27.7
53. Fairfield	29.2	40	33.4
54. Logan	29.1	60	23.4
55. Miami	29.0	47	29.4
56. Allen	28.6	51	28.7
57. Knox	28.5	54	28.1
58. Defiance	27.3	75	18.0
59. Preble	26.6	56	26.9
60. Brown	25.9	68	19.3

Table 46. Per Cent of Farm Operators With Off-Farm
Income of the Family Exceeding Value of Farm
Products Sold, by Rank of Counties for
1954 and 1950 (Continued)

Rank by County 1954	Per Cent 1954	Rank 1950	Per Cent 1950
61. Highland	25.8	67	20.2
62. Marion	25.7	79	16.6
63. Crawford	25.4	66	20.3
64. Williams	24.7	72	18.5
65. Champaign	24.3	58	24.5
66. Coshocton	23.5	45	32.0
67. Fulton	22.5	74	18.3
68. Union	22.5	71	18.7
69. Darke	22.3	62	21.7
70. Sandusky	21.2	65	20.4
71. Holmes	22.1	77	17.6
72. Seneca	20.9	69	19.1
73. Wood	19.5	70	19.0
74. Shelby	19.4	73	18.4
75. Pickaway	18.6	80	16.4
76. Paulding	18.4	76	18.0
77. Auglaize	18.3	63	21.7
78. Adams	16.7	59	24.1
79. Henry	14.9	87	11.2
80. Hardin	14.6	84	14.3
81. Putnam	14.5	86	12.3
82. Hancock	13.7	82	15.4
83. Wyandot	13.7	81	15.5
84. Mercer	13.6	78	17.6
85. Clinton	13.1	64	20.9
86. Madison	11.2	83	15.3
87. Van Wert	10.1	85	13.5
88. Fayette	9.8	88	10.9

Table 47. Farm Operator Family Level of Living Index
by Rank of Counties for 1954*

County by Rank	Index 1954	County by Rank	Index 1954
State	160		
1. Pickaway	189	33. Champaign	171
2. Fayette	188	34. Lucas	171
3. Putnam	187	35. Marion	171
4. Clark	185	36. Mahoning	170
5. Franklin	185	37. Lake	169
6. Sandusky	184	38. Wyandot	168
7. Wood	148	39. Preble	167
8. Fulton	183	40. Shelby	167
9. Greene	183	41. Warren	166
10. Madison	183	42. Knox	165
11. Allen	181	43. Van Wert	165
12. Crawford	181	44. Stark	164
13. Henry	181	45. Darke	163
14. Erie	180	46. Paulding	163
15. Clinton	179	47. Portage	163
16. Logan	179	48. Richland	163
17. Miami	179	49. Columbiana	162
18. Seneca	179	50. Morrow	162
19. Cuyahoga	178	51. Hamilton	161
20. Hancock	178	52. Highland	161
21. Huron	177	53. Licking	161
22. Defiance	176	54. Williams	161
23. Medina	176	55. Ashland	160
24. Lorain	175	56. Clermont	160
25. Augalize	174	57. Muskingum	159
26. Fairfield	174	58. Ross	159
27. Summit	174	59. Trumbull	159
28. Butler	173	60. Wayne	158
29. Delaware	172	61. Mercer	157
30. Hardin	172	62. Ashtabula	152
31. Montgomery	172	63. Geauga	152
32. Union	172	64. Tuscarawas	149

Table 47. Farm Operator Family Level of Living Index,
by Rank of Counties for 1954* (Continued)

County by Rank	Index 1954	County by Rank	Index 1954
65. Perry	148	77. Athens	129
66. Monroe	147	78. Gallia	129
67. Ottawa	147	79. Meigs	129
68. Belmont	146	80. Noble	129
69. Coshocton	145	81. Jackson	124
70. Carroll	144	82. Lawrence	124
71. Morgan	142	83. Scioto	123
72. Brown	140	84. Adams	121
73. Washington	139	85. Guernsey	119
74. Jefferson	134	86. Pike	114
75. Harrison	131	87. Vinton	103
76. Hocking	131	88. Holmes	102

*Farm-Operator Family Level of Living Indexes, Statistical Bulletin
204, United States Department of Agriculture, AMS.

Table 48. Rank of Counties by Crude Index of Employment Potential of
Farmers for Non-Farm Work, 1950

Index Rank	County	Rank of Full-Time Farmers	Rank Average Value of Products Sold Per Farm	Difference in Rank Orders (+ or -)	Index of Employment Potential*
1	Adams	6	68	-62	38
2	Brown	12	64	-52	48
3	Noble	31	79	-48	52
4	Monroe	33	87	-44	56
5	Gallia	38	81		
6	Morgan	36	77		
7	Guernsey	44	85		
8	Meigs	48			
9	Highland	10	44	-34	66
10	Washington	47	80	-33	67
11	Morrow	37	55	-28	72
12	Pike	53	76	-23	77
13	Jackson	64	86	-22	78
14	Vinton	67	88	-21	79
15	Holmes	21	41	-20	80
16	Athens	65	84	-19	81
17	Defiance	18	35	-17	82
18	Belmont	58	74	-16	83
19	Hocking	69	82	-13	87
20	Putnam	2	15	-13	87
21	Paulding	13	26	-13	87
22	Perry	59	71	-12	88
23	Ottawa	41	52	-11	89
24	Harrison	62	73	-11	89

Table 48. Rank of Counties by Crude Index of Employment Potential of
Farmers for Non-Farm Work, 1950 (Continued)

Index Rank	County	Rank of Full-Time Farmers	Rank Average Value of Products Sold Per Farm	Difference in Rank Orders (+ or -)	Index of Employment Potential*
25	Seneca	17	27	-10	90
26	Hardin	3	12	- 9	91
27	Van Wert	5	16	- 9	91
28	Hancock	8	17	- 9	91
29	Williams	24	33	- 9	91
30	Logan	28	37	- 9	91
31	Union	16	24	- 8	92
32	Darke	26	34	- 8	92
33	Henry	1	8	- 7	93
34	Knox	40	47	- 7	93
35	Carroll	63	70	- 7	93
36	Coshocton	51	57	- 6	94
37	Shelby	24	28	- 4	96
38	Huron	39	43	- 4	96
39	Muskingum	61	65	- 4	96
40	Clermont	68	72	- 4	96
41	Wyandot	11	14	- 4	96
42	Mercer	15	18	- 3	97
43	Fairfield	42	45	- 3	97
44	Ashland	51	52	- 1	99
45	Delaware	43	42	+ 1	101
46	Fayette	4	2	+ 2	102
47	Scioto	80	78	+ 2	102
48	Auglaize	22	19	+ 3	103

Table 48. Rank of Counties by Crude Index of Employment Potential of Farmers for Non-Farm Work, 1950 (Continued)

Index Rank	County	Rank of Full-Time Farmers	Rank Average Value of Products Sold Per Farm	Difference in Rank Orders (+ or -)	Index of Employment Potential*
49	Allen	50	46	+ 4	104
50	Licking	55	51	+ 4	104
51	Jefferson	81	75	+ 4	104
52	Madison	7	1	+ 6	106
53	Pickaway	9	3	+ 6	106
54	Sandusky	27	21	+ 6	106
55	Crawford	29	23	+ 6	106
56	Erie	46	38	+ 8	108
57	Wayne	34	25	+ 9	109
58	Wood	23	13	+ 10	110
59	Richland	70	60	+ 10	110
60	Lawrence	79	69	+ 10	110
61	Ashtabula	75	63	+ 12	112
62	Fulton	19	6	+ 13	113
63	Preble	35	22	+ 13	113
64	Columbiana	72	59	+ 13	113
65	Ross	54	39	+ 15	115
66	Marion	25	10	+ 15	115
67	Medina	66	50	+ 16	116
68	Tuscarawas	77	61	+ 16	116
69	Clinton	20	4	+ 16	116
70	Champaign	30	11	+ 19	119
71	Trumbull	87	67	+ 20	120
72	Portage	83	62	+ 21	121

Table 48. Rank of Counties by Crude Index of Employment Potential of Farmers for Non-Farm Work, 1950 (Continued)

Index Rank	County	Rank of Full-Time Farmers	Rank Average Value of Products Sold Per Farm	Difference in Rank Orders (+ or -)	Index of Employment Potential
73	Warren	57	36	+ 21	121
74	Summit	88	66	+ 22	122
75	Geauga	78	56	+ 22	122
76	Greene	32	7	+ 25	125
77	Miami	45	20	+ 25	125
78	Mahoning	84	58	+ 26	126
79	Franklin	56	30	+ 26	126
80	Montgomery	74	48	+ 26	126
81	Hamilton	76	49	+ 27	127
82	Stark	82	54	+ 28	128
83	Butler	60	31	+ 29	129
84	Lorain	71	40	+ 31	131
85	Clark	49	5	+ 44	144
86	Lucas	73	29	+ 44	144
87	Lake	86	32	+ 54	154
88	Cuyahoga	85	9	+ 76	176

EXPLANATION OF EMPLOYMENT POTENTIAL INDEX

A crude Index of Employment Potential was developed by relating the rankings of counties by proportion of farmers who were considered to be full-time farmers and average value of products sold per farm. Full-time farmers for this purpose were defined as those who worked less than 100 days per year off the farm in 1950, the inverse ranking of counties in Table 45, Mimeo Bulletin 248.

It was expected that where value of products sold was low and proportion of full-time farmers was high that this would indicate an area where more employment off the farm could reasonably occur. Thus, it was reasoned that for those counties with the widest difference between these rankings in the negative direction (i.e., when subtracting rank of value of products sold from rank of proportion of full-time farmers) that the lower scores would indicate degree of underemployment by farm people. Conversely, a high index score would indicate a high degree of use of man power in farming.